

**STATE OF CALIFORNIA****CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD****Base Year Modification Request Certification****Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, 9th Floor  
PO Box 4025  
Sacramento, CA 95812-4025

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.


XX 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County		
City of Woodland	Yolo County		
Authorized Signature	Title Management Analyst		
			
Type/Print Name of Person Signing	Date	Phone ( )	
Sherri Martin	3-29-02	(530) 661-5961	
Person Completing This Form (please print or type)	Title Management Analyst		
Sherri Martin			
Affiliation:	City of Woodland		
Mailing Address	City	State	ZIP Code
Public Works Department, Engineering, 300 First Street	City of Woodland	CA	95691
E-mail address	sherri.martin@cityofwoodland.org		

<b>Section II: Information for New Generation-Based Study for Existing or New Base Year</b>			
<b>Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).</b>			
<i>Note: New base years must be representative of a jurisdiction's disposal and diversion.</i>			
<b>1. Current Board-approved base-year:</b>		<b>2. Proposed new generation-based study year:</b>	
1990		2000	
<b>3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:</b>			
This new generation number reflects the current disposal and the diversion practices in the year 2000. The City has implemented, and maintained numerous diversion practices in the last ten years, and is committed to continued diversion program expansion.			
<b>4. Enter your diversion rates below.</b>			
<b>Diversion rate calculated using existing base year</b>		<b>Diversion rate calculated using new generation-based study</b>	
a. 49 %		b. 66.20 %	
<b>For existing base year pounds/person/day based on generation</b>		<b>For new generation based study pounds/person/day based on generation</b>	
11.5		19.3	
<b>Residential generation 29% %</b>	<b>Non-Residential Generation 71% %</b>	<b>Residential generation 16%</b>	<b>Non-Residential generation 84%</b>
<b>Population existing generation-based study 40,230</b>		<b>Population new generation-based study 46,300</b>	
<b>5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.</b>			
The new diversion rate is the result of a detailed Generation Study. The new study accounts for tonnages using actual volumes and weights, whereas the 1990 base year study established tonnages based on estimations. The new study reflects the actual diversion activities within the City, as well as provides a tool to predict further need, and success, of both the continual diversion programs and those planned for implementation. The City has experienced commercial and residential growth, particularly in regard to retail distribution centers. This, in conjunction with the City's concentrated efforts to reach their diversion goals, has resulted in the increased diversion rate. Several new diversion programs, educational outreach, and technical assistance programs have been implemented in the City, as described in the PARIS section of the 2000 Annual Report. As the City grows, it is further committed to pursuing continued increases in recycling by further improving and expanding programs and diversion opportunities.			
<b>6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)</b>			
Over the last eight years the City of Woodland has experienced unprecedented growth in the commercial sector. Due in part to Woodland's unique geographical location which is seated near the junction of I-5 and I-80, it has become one of the most desired west coast locations for nation wide retailers to locate their distribution centers. These distribution centers, which in most part were not part of the community prior to 1990 and thus not captured in the original 1990 Base Year Study, may account for the nearly 13% increase in the non-residential generation figures.			
The City of Woodland has implemented a significant number of diversion programs since 1990. With the rapid growth of the economy within the City, waste reduction and recycling needs, and efforts have also expanded. The City has expanded and improved existing programs, and worked with the franchise hauler and private sector to implement a significant number of recycling programs. The default adjustment method does not accurately reflect the impact of the diversion programs and, as explained above, does not accurately reflect the increase in the growth of the community. Just as the 1990 base year study based tonnages on estimation rather than actual weights, many diversion activities were not accurately identified in the base study. The new study enabled the City to gain a clear understanding of the existing disposal and diversion activities and also provided information for additional programs.			

<b>7. Disposal Tonnage: (enter values)</b>	<b>13,756</b>	<b>41,449</b>	<b>55,205</b>
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (list operation w/ multiple materials in one box)	Specific diversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at <a href="http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc">http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc</a>					
<b>Residential Activities:</b>					
<b>Source Reduction</b>					
Backyard composting					
Grasscycling		0.0%			
<b>Other Residential source reduction (list each program separately)</b>					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
<b>Subtotal Residential Source Reduction</b>	<b>0</b>	<b>0.0%</b>			
<b>Recycling</b>					

Curbside Recycling	1,733	1.1%	Mixed paper and container materials (Al, plastic, glass, metal cans)	Source: Hauler	Tonnage Reports. Waste Management (franchised hauler)
Buyback centers	1,745	1.1%	Aluminum, plastic, and glass redemption containers.	Source: State	Buy Back Center Tonnage report - Department of Conservation
Drop-off centers	0	0.0%			
<b>Other Residential recycling (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Recycling</b>	<b>3,478</b>	<b>2.1%</b>			
<b>Composting</b>					
Green waste drop-off	5	0.0%	Grass clippings, tree and shrub clippings	Source: County	Tonnage Reports. Yolo County Central Landfill
Curbside green waste	2,228	1.4%	Grass clippings, tree and shrub clippings	Source: Hauler	Tonnage Reports. Waste Management (franchised hauler)
Christmas Tree program	0.3	0.0%	Christmas Trees	Source: County	Tonnage Reports. Yolo County Central Landfill
<b>Other Residential composting (list each program separately)</b>					
4050-SP-WDW Residential Wood Waste Drop Off	112	0.1%	scrap wood	Source: County	Tonnage Reports. Yolo County Central Landfill
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Composting</b>	<b>2,345</b>	<b>1.4%</b>			
<b>Subtotal Residential Diversion</b>	<b>5,823</b>	<b>3.6%</b>			
<b>Non-Residential Activities:</b>					
<b>Source Reduction</b>					

<b>Non-Residential Waste Audits</b>	<b>69,590</b>	<b>42.6%</b>		<b>See Section 9</b>	
<b>Other non-Residential source reduction (list each program separately)</b>					
<b>Subtotal Non-Residential Source Reduction</b>	<b>69,590</b>	<b>42.6%</b>			
<b>Recycling</b>					
<b>Non-Residential Waste Audits</b>	<b>23,240</b>	<b>14.2%</b>		<b>See Section 9</b>	
<b>Other non-Residential recycling (list each program separately)</b>					
2030-RC-OSP Commercial On-Site Pickup	1,097	0.7%	Mixed paper, Cardboard and Container materials (Al, plastic, glass, metal cans)	Source: Hauler	Tonnage Reports. Waste Management (franchised hauler)
2050-RC-SCH School Recycling	24	0.0%	Cardboard	Source: Hauler	Tonnage Reports. Waste Management (franchised hauler)
2060-RC-GOV Government Recycling	1	0.0%	Mixed Paper	Estimated % of actual tons, to determine tonnage of government recycling. Source: Hauler	Reported volume and frequency. Waste Management (hauler)
4020-SP-TRS Tires	26	0.0%	Tires	Source: County	Tonnage Reports. Yolo County Central Landfill
4030-SP-WHG White Goods	207	0.1%	Appliances, Microwaves, Refrig's, Washers	Source: County and Hauler	Tonnage Reports. Yolo County Central Landfill, and Waste Management (frachised hauler)
<b>Subtotal Non-Residential Recycling</b>	<b>24,594</b>	<b>15.1%</b>			
<b>Composting</b>					
<b>Non-Residential Waste Audits</b>	<b>4,637</b>	<b>2.8%</b>		<b>See Section 9</b>	
<b>Other non-Residential composting (list each program separately)</b>					
4050-SP-WDW Wood Waste, Commercial On-site Pickup	942	0.6%	scrap wood	Source: County	Tonnage Reports. Yolo County Central Landfill

4050-SP-WDW Wood Waste, Commercial Self Haul	82	0.1%	scrap wood	Source: County	Tonnage Reports. Yolo County Central Landfill
3030-CM-CSG Commercial Self Haul Greenwaste	19	0.0%	Grass clippings, tree and shrub clippings	Source: County	Tonnage Reports. Yolo County Central Landfill
<b>Subtotal Non-Residential Composting</b>	<b>5,681</b>	<b>3.5%</b>			
<b>Subtotal Non-Residential Diversion</b>	<b>99,865</b>	<b>61.1%</b>			
<b>Residential/Non- Residential Diversion Activities</b>					
ADC	0	0.0%			
Sludge	0	0.0%			
Scrap metal					Tonnage Reports. Yolo County Central Landfill, Waste Management (frachised hauler), and Non-Extrap. Audits (see Section 9).
	167	0.1%		Source: County and Hauler	
Concrete/Asphalt/Rubble					Tonnage Reports. Yolo County Central Landfill, and Waste Management (frachised hauler)
	2,278	1.4%	aggregate, inerts, concrete	Source: County and Hauler	
Landfill salvage	0	0.0%			
<b>Subtotal Residential/Non-Residential diversion</b>	<b>2,445</b>	<b>1.5%</b>			
<b>Total Diversion Tons</b>	<b>108,105</b>	<b>66.2%</b>			
<b>Total Disposal Tons from Sec.7</b>	<b>55,205</b>	<b>33.8%</b>			
<b>Total Generation Tons (Div+Dis)</b>	<b>163,338</b>				



### 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities (include material type e.g. paper recycling, grasscycling) (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other
rice mill and packaging	81	Small OCC reused, Broken pallets sold to pallet master, Bran byproduct used as cattlefeed, Rice hulls composted, Rice hulls sent for biomass (tonnage not counted), Rice hulls sent to Foster Farms, Rice hulls sent to UC Davis	57707.26	12.50	1.50	57721.26	30.3%	O
manufacture food	25	OCC reused for storage by employees, Compacted OCC recycled, Film bags reused by employees, Wood boxes fixed and reused, pallets repaired and reused, Tomatoes given to use for land applications, Tomato fiber used as animal feed, donate computers, large toner cartridges returned for refurbish, ave. size toner cartridges returned for refurbish, Furniture donated	3972.10	16.00	4500.00	8488.10	4.4%	O

distribution system/reverse logistics	41	OCC bales recycled, Shrink wrap bales recycled, Polyethylene hangers recycled, Chipped plastic recycled, pallets recycled, products donated, unsellable CPUs returned to vendor for recycle	2.00	7162.00		7162.00	3.8%	O
Distribution center	96	Mixed OCC and office paper bales recycled, white ledger recycled, switch from paper gaylords to plastic, Plastic stretch wrap bales recycled, Pallets/wood scrap recycled, Computerized training system/paper reduction, Office paper reused as scratch and double-sided, 5-gallon plastic buckets reused, reuse medium boxes, reuse 55 gal drums, Video and cd sleeves reused, paper reduction by use of handhelds for scanning, Toner cartridges returned.	2718.12	2605.60		5323.72	2.8%	O
distribution center	102	OCC bales recycled, Medium OCC reused, mixed paper recycled, Office paper recycled, Paper shredded for reuse, Stretch wrap recycled, non-ave. pallets repaired, toner cartridges returned, Office paper double-sided, Implement online timecards, Computerized systems implemented, Products donated	1541.89	1813.49		3355.38	1.8%	O
home builders	91	Compacted OCC recycled, Wood taken by employees, Broken pallets recycled, Wood scrap recycled, Drywall recycled		2481.40		2481.40	1.3%	O



drug store distribution center	82	OCC bales recycled, mixed paper recycled, Office paper recycled, Stretch wrap and trash bags recycled, Broken chairs recycled, Wood scrap reused by employees, Truck tires recycled, Bulletin board usage, Computer reports (paper reduction), Totes reused, Donated products	269.98	1855.77		11%	O
food processing plant	69	OCC bales recycled, Office paper recycled, Office paper double-sided, Newspapers reused, Pallets recycled, Plastic pallets reused, Non-standard pallets recycled, Food donated to schools, Implemented snap rollers, reuse packaging, Resuse OCC slipsheets instead of pallets, Implemented online system (paper reduction), Implemented online registration, OCC type B box reduced packaging size, Plastic fiber bags reused, 5-gallon bucket reused, 55-gallon drums given away, Styrofoam peanuts reused, Sacks sold, Food donated to farms, Food donated to farms, misc. printer cartridges returned	1428.74	141.80			O
distribution/books	1	OCC bales recycled, Small OCC reused, White ledger paper recycled, Stretch wrap recycled, Stretch wrap recycled, Pallets sold or scavenged, Computerized changes/paper reduction, White ledger reused as scratch, Bubble wrap reused, Insta-pack reused, Pallets repaired (on site), Books donated, Totes reused, Paper packing materials reused, More efficient OCC packaging design	440.95	1057.11		0.8%	O

automated mail/check control for insurance company	13	OCC recycling, office paper recycling, office paper shredded and recycling, pallet recycling, computerized changes/paper reduction, toner cartridges returned	2.63	749.30		749.30	0.4%	0
Totals			68,083.66	17,894.98	4,501.50	88,309.54	47%	

# TOP 10 BUSINESSES (by Total Diversion Tonnage)

			Diversion (weight in pounds)										SHOW CALCULATIONS					
Ref.	Business Type	Activity Description	Number of	Source Reduction	Recycling	Metals	Metals	Inerts	Inerts	Transformation	Composting	Material Type	Conversion Factor	Source				
No.	No.		Employees			SR	R	SR	R	(biomass/ash)		(category)	(weight per count)		per year	per year		
1	81	rice mill and packaging			528.00							paper	20 boxes/month X 1.1 lbs/box X 12 months/year = 528 lbs/year	1.1 lbs/small box	U.S. EPA	528.00	0.26	
	81	rice mill and packaging			24,000.00							other organic	600 pallets/year X 40 lbs/pallet = 24,000 lbs/year (low season (26 weeks/year X 25 tons/load X avg. 2.5 loads/week X 2,000 lbs/ton) + (high season (26 weeks/year X 25 tons/load X 3 loads/week X 7 days/week X 2,000 lbs/ton) = 30,550,000 lbs/year	40 lbs/pallet	U.S. EPA	24,000.00	12.00	
	81	rice mill and packaging			30,550,000.00							other organic	1 truckload/year X avg. 1.5 tons/truckload X 2,000 lbs/ton = 3,000 lbs/year	15,275 tons/year	business estimate	30,550,000.00	15,275.00	
	81	rice mill and packaging									3,000.00	other organic	1 load/month X 12 months/year X 34,000 lbs/load = 408,000 lbs/year	1.6 tons/year	business estimate	3,000.00	1.50	
	81	rice mill and packaging		not counted								other organic	8 loads/day X 5 days/week X 52 weeks/year X 34,000 lbs/load = 84,864,000 lbs/year	34,000 lbs/load	business estimate			
	81	rice mill and packaging			54,864,000.00							other organic	1/2 ton/year X 2,000 lbs/ton = 1,000 lbs/year	34,000 lbs/load	business estimate	84,864,000.00	42,432.00	
	81	rice mill and packaging			1,000.00							other organic	20 units/day X 75 days/year X 63 lbs/unit = 4,500 lbs/year	12 lbs/box	business estimate	1,000.00	0.50	
2	25	manufacture food			4,500.00						2,000.00	paper	8 tons/40 cubic yard load X 2,000 lbs/ton X 2.40cy loads/year = 32,000 lbs/year	63 lbs/each	business estimate	4,500.00	2.25	
	25	manufacture food			32,000.00							paper	avg 6,500 bags/year X avg 62.5 % taken by employees = (5312.5 bags/year) / (15 bags) = 354 lbs/year	8 tons/40 cy	business estimate	32,000.00	16.00	
	25	manufacture food			354.00							plastic	40,000 boxes/year X 250 lbs/box X 25% fixed and reused = 260,000 lbs/year	1 lb/15 bags	business estimate	354.00	0.18	
	25	manufacture food			260,000.00							other organic	((250 pallets/week) / 5) X 52 weeks/year X 40 lbs/pallet = 104,000 lbs/year reused 36 tons X 53 lbs/ton X 40 lbs/ton repair = 74,880 lbs/year	260 lbs/box	business estimate	260,000.00	130.00	
	25	manufacture food			178,880.00							other organic	2 truckloads/day X 75 days/year X 60,000 lbs/truckload = 9,000,000 lbs/year	40 lbs/pallet	U.S. EPA	178,880.00	89.44	
	25	manufacture food									9,000,000.00	other organic	100,000 lbs/day X 75 days/year = 7,500,000 lbs/year	60,000 lbs/truckload	business estimate	9,000,000.00	4,500.00	
	25	manufacture food			7,500,000.00							other organic	3 computers/year X 27.5 lbs/computer (avg of 25 lbs-30 lbs) = 82.5 lbs/year	100,000 lbs/day	business estimate	7,500,000.00	3,750.00	
	25	manufacture food			82.50							other	4 cartridges/year X 5 lbs/cartridge = 20 lbs/year	30 lbs/computer	U.S. EPA	82.50	0.04	
	25	manufacture food			20.00							other	4 cartridges/year X 2.5 lbs/cartridge = 10 lbs/year	5 lbs/cartridge	U.S. EPA	20.00	0.01	
	25	manufacture food			10.00							other	350 lbs/year (avg of 300 lbs-400 lbs/year)	2.5 lbs/cartridge	U.S. EPA	10.00	0.01	
	25	manufacture food			350.00							other		350 lbs/year	business estimate	350.00	0.16	
	25	manufacture food			2,444,195.00						9,004,000.00					16,874,195.00	8,438.16	
3	41	distribution system/reverse logistics				1,800,000.00						paper	60 truckloads/year X 30,000 lbs/truckload = 1,800,000 lbs/year	30,000 lbs/truckload	business estimate	1,800,000.00	900.00	
	41	distribution system/reverse logistics				2,100,000.00						plastic	35,000 lbs/truckload X 60 truckloads/year = 2,100,000 lbs/year	35,000 lbs/truckload	business estimate	2,100,000.00	1,050.00	
	41	distribution system/reverse logistics				1,680,000.00						plastic	28,000 lbs/truckload X 60 truckloads/year = 1,680,000 lbs/year	28,000 lbs/truckload	business estimate	1,680,000.00	840.00	
	41	distribution system/reverse logistics				800,000.00						plastic	20,000 lbs/truckload X 40 truckloads/year = 800,000 lbs/year	20,000 lbs/truckload	business estimate	800,000.00	400.00	
	41	distribution system/reverse logistics				144,000.00						other organic	300 pallets/month X 40 lbs/pallet = 144,000 lbs/year	40 lbs/pallet	U.S. EPA	144,000.00	72.00	
	41	distribution system/reverse logistics			4,000.00							other	4,000 lbs/year	4,000 lbs/year	business estimate	4,000.00	2.00	
	41	distribution system/reverse logistics				7,800,000.00						other	300,000 CPU units/year X 26 lbs/CPU = 7,800,000 lbs/year	26 lbs/CPU	U.S. EPA	7,800,000.00	3,900.00	
	41	distribution system/reverse logistics			4,000.00											16,328,000.00	7,164.00	
4	96	Distribution center for Target stores				3,993,600.00						paper	16 bales/day X 6 days/week X 52 weeks/year X 800 lbs/bale = 4,080,000 lbs/year	800 lbs/bale	business estimate	3,993,600.00	1,996.80	
	96	Distribution center for Target stores				4,800.00						paper	32 boxes X 4 times/year X 10 reams/box X 5 lbs/ream = 6,400 lbs/year X 75% recycled = 4,800 lbs/year	5 lbs/ream	US EPA	4,800.00	2.40	
	96	Distribution center for Target stores			540.00							paper	3 gaylords/month X 15 lbs/gaylord X 12 months = 540 lbs/year	15 lbs/each	business estimate	540.00	0.27	
	96	Distribution center for Target stores				936,000.00						plastic	3 bales/day X 1000 lbs/bale X 6 days/week X 52 weeks/year = 936,000 lbs/year	1000 lbs/bale	business estimate	936,000.00	468.00	
	96	Distribution center for Target stores				276,805.20						other organic	70 cy/month X 12 months/year X 329.53 lbs/cy = 276,805.2 lbs/year	329.53 lbs/cy	Telus	276,805.20	138.40	
	96	Distribution center for Target stores				216.40						paper	70 sheets/day X 6 days/week X 52 weeks/year = (21840 sheets/year) / (100 sheets/ream) X 5 lbs/ream = 218.4 lbs/year	5 lbs/ream	U.S. EPA	216.40	0.11	
	96	Distribution center for Target stores				3,200.00						paper	32 boxes X 4 times/year X 10 reams/box X 5 lbs/ream = 6,400 lbs/year X 50% reused = 3,200 lbs/year	5 lbs/ream	U.S. EPA	3,200.00	1.60	
	96	Distribution center for Target stores				60.90						plastic	32 buckets/year X 1.9 lbs/bucket = 60.8 lbs/year	1.9 lbs/bucket	U.S. EPA	60.90	0.03	
	96	Distribution center for Target stores				4,015,440.00						paper	26 boxes/box X 16 boxes/palletload X 13 palletloads/truck X 600 trucks/year = (3,650,400 boxes/year) X 50% reused = 1,825,200 boxes/year X 2.2 lbs/medium box = 4,014,650.0 lbs/year	2.2 lbs/box	US EPA	4,015,440.00	2,007.72	
	96	Distribution center for Target stores				300.00						plastic	20 drums/year X 15 lbs/drum = 300 lbs/year	15 lbs/each	UCLA	300.00	0.15	
	96	Distribution center for Target stores				1,404,000.00						plastic	18 boxes/pallet X 13 pallets/truck X 600 trucks/year X 10 lbs/box = 1,404,000 lbs/year	10 lbs/box	business estimate	1,404,000.00	702.00	
	96	Distribution center for Target stores				11,960.00						paper	23,000 sheets/week X 52 weeks/year = (1,196,000 sheets/year) / 500 sheets/ream = 2,392 reams/year X 5 lbs/ream = 11,960 lbs/year	5 lbs/ream	US EPA	11,960.00	5.98	
	96	Distribution center for Target stores				520.00						other	2 cartridges/week X 52 weeks/year X 2.5 lbs/cartridge = 520 lbs/year	2.5 lbs/cartridge	U.S. EPA	520.00	0.26	
	96	Distribution center for Target stores				4,638,238.20										10,847,844.40	5,423.92	
9	102	distribution center				3,492,000.00						paper	(130 tons/month + 161 tons/month) / 2 = avg 145.5 tons/month X 12 months/year X 2000 lbs/ton = 3,492,000 lbs/year	avg 145.5 tons/month	business estimate	3,492,000.00	1,746.00	
	102	distribution center				144,144.00						paper	210 boxes/day X 2.2 lbs/box X 312 days/year = 144,144 lbs/year	2.2 lbs/medium box	U.S. EPA	144,144.00	72.07	
	102	distribution center				8,316.00						paper	593 lbs/month X 12 months/year = 8,316 lbs/year	593 lbs/mo	business estimate	8,316.00	4.15	
	102	distribution center				6,786.00						paper	(533 lbs/month + 596 lbs/month) / 2 = avg 565.5 lbs/month X 12 months/year = 6,786 lbs/year	565.5 lbs/month	business estimate	6,786.00	3.39	
	102	distribution center				12,480.00						paper	13,333 lbs/55 gal X 3-55gal/day X 312 days/year = 12,480 lbs/yr	13,333 lbs/55 gal	field study	12,480.00	6.24	
	102	distribution center				119,880.00						plastic	555 lbs/box X 216 boxes/year = 119,880 lbs/yr	555 lbs/box	business estimate	119,880.00	59.94	

## Attachment 2a

**TOP 10 BUSINESSES (by Total Diversion Tonnage)**

SHOW CALCULATIONS																
Diversion (weight in pounds)																
Ref.	Business Type	Activity Description	Number of	Source Reduction	Recycling	Metals	Metals	Inerts	Inerts	Transformation	Composting	Material Type	Conversion Factor	Source		
No.	No.		Employees			SR	R	SR	R	(biomass/ash)		(category)	(weight per count)		per year	per year
1	distribution/books	Paper packing materials reused		12,480.00								paper	5-33 gal/day X 8 lb/33 gal X 312 days/yr= 12,480 lb/yr	U.S. EPA	12,480.00	6.24
1	distribution/books	More efficient OCC packaging design		374,400.00								paper	1,200 lb/day(less packaging used) X 312 days/yr= 374,400 lb/yr	business estimate	374,400.00	187.20
10	13	automated mail/check control for insurance company			208,000.00							paper	100 lb/cy	U.S. EPA	208,000.00	104.00
13	13	automated mail/check control for insurance company			1,203,912.00							paper	363.5 lb/cy	U.S. EPA	1,203,912.00	601.96
13	13	automated mail/check control for insurance company			290.90							paper	8 lb/33 gal	U.S. EPA	290.90	0.15
13	13	automated mail/check control for insurance company			86,400.00							other organic	40 lb/pallet	U.S. EPA	86,400.00	43.20
13	13	automated mail/check control for insurance company		5,200.00								paper	5 lb/ream	U.S. EPA	5,200.00	2.60
13	13	automated mail/check control for insurance company		50.00								other	2.5 lb/cartridge	U.S. EPA	50.00	0.03
13	13	automated mail/check control for insurance company	75	1,203.96	1,495,402.96										1,696,606.96	781.83

Board Meeting April 23, 2003		Diversion (weight in pounds)										Agency Item Attachment 2a			
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Waste SR	Waste R	Program Start Date	Transformation Removal (\$/yr)	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion (Pounds per year)	Diversion (Tons per year)
1	distribution/books	OCC sales recycled			1,872,000.00						paper	800 lbs/bale	business estimate	1,872,000.00	936.00
	distribution/books	Small OCC reused		68,640.00							paper	1.1 lbs/small box	U.S. EPA	68,640.00	34.32
	distribution/books	White ledger paper recycled			6,000.00						paper	5 lbs/ream	U.S. EPA	6,000.00	3.00
	distribution/books	Stretch wrap recycled			263.64						plastic	22 lbs/bale	Telus	263.64	0.13
	distribution/books	Stretch wrap recycled			1,850.00						plastic	0.5 lbs/pallet load	Telus	1,850.00	0.86
	distribution/books	Pallets sold or scavenged			234,000.00						other organic	40 lbs/pallet	U.S. EPA	234,000.00	117.00
	distribution/books	Computerized changes/paper reduction		4,320.00							paper	5 lbs/ream	U.S. EPA	4,320.00	2.16
	distribution/books	White ledger reused as scratch		600.00							paper	5 lbs/ream	U.S. EPA	600.00	0.30
	distribution/books	Bubble wrap reused		4,680.00							plastic	3.0 lbs/33 gal	U.S. EPA	4,680.00	2.34
	distribution/books	Insta-pack reused		420.00							plastic	20 lbs/drum	business estimate	420.00	0.21
	distribution/books	Pallets repaired (on site)		416,000.00							other organic	40 lbs/pallet	U.S. EPA	416,000.00	208.00
	distribution/books	Books donated		360.00							paper	15 lbs/bale	business estimate	360.00	0.18
	distribution/books	Totes reused		7.70							paper	2.2 lbs/medium box	U.S. EPA	7.70	0.00
	distribution/books	Paper packing materials reused		12,480.00							paper	8 lbs/33 gal	U.S. EPA	12,480.00	6.24
	distribution/books	More efficient OCC packaging design		374,400.00							paper	1200 lbs/day	business estimate	374,400.00	187.20
	distribution/books		100	881,687.38	2,194,213.34									2,075,900.72	1,037.95
2	aqua ammonia sales	Mixed paper donated to schools		1,040.00							paper	20 lbs/bale	business estimate	1,040.00	0.52
	aqua ammonia sales	Computerized changes/paper reduction		520.00							paper	5 lbs/ream	U.S. EPA	520.00	0.26
3	social services/community activities	Old newspapers recycled		1,488.00	624.00						paper	1 lb/newspaper	business estimate	624.00	0.31
	social services/community activities	Toner cartridges returned			10.00						other	2.5 lbs/cartridge	U.S. EPA	10.00	0.01
	social services/community activities	Medium OCC reused		228.80							paper	2.2 lbs/medium box	U.S. EPA	228.80	0.11
	social services/community activities				836.00									836.00	0.43
4	valves and backflow (manufacture and assembly)	Stacked OCC recycled			42,900.00						paper	50 lbs/cy	U.S. EPA	42,900.00	21.45
	valves and backflow (manufacture and assembly)	Office paper recycled			1,321.32						paper	26.41 lbs/33 gal	U.S. EPA	1,321.32	0.66
	valves and backflow (manufacture and assembly)	Wood chips recycled			1,126,667.00						other organic	500 lbs/cy	U.S. EPA	1,126,667.00	563.33
	valves and backflow (manufacture and assembly)	Use over-size paper towels		1,300.00							paper	25 lbs/box	business estimate	1,300.00	0.65
	valves and backflow (manufacture and assembly)	Computerized changes/paper reduction		660.00							paper	5 lbs/ream	U.S. EPA	660.00	0.33
	valves and backflow (manufacture and assembly)	Online manuals/paper reduction		150.00							paper	5 lbs/ream	U.S. EPA	150.00	0.06
	valves and backflow (manufacture and assembly)	Scanner usage/paper reduction		3.12							paper	5 lbs/ream	U.S. EPA	3.12	0.00
	valves and backflow (manufacture and assembly)	Office paper reused as scratch or double-sided		60.06							paper	26.41 lbs/33 gal	U.S. EPA	60.06	0.03
	valves and backflow (manufacture and assembly)		100	5,178.18	1,173,588.32									1,173,588.32	586.53
5	concrete, gravel	Tires recycled			750.00						other	75 lbs/tire	U.S. EPA	750.00	0.36
	concrete, gravel	Office paper reused as scratch or double-sided		52.00							paper	5 lbs/ream	U.S. EPA	52.00	0.03
	concrete, gravel	Medium OCC reused		457.60							paper	2.2 lbs/medium box	U.S. EPA	457.60	0.23
	concrete, gravel		18	846.48	786.88									1,298.88	0.65
6	sheet metal parts manufacture and install	Medium OCC reused			457.60						paper	2.2 lbs/medium box	U.S. EPA	457.60	0.23
	sheet metal parts manufacture and install	Office paper reused as scratch or double-sided		120.00							paper	5 lbs/ream	U.S. EPA	120.00	0.06
	sheet metal parts manufacture and install	Shredded office paper reused as packing materials		8.00							paper	8 lbs/33 gal	U.S. EPA	8.00	0.00
	sheet metal parts manufacture and install	Sheet metal donated to schools				50.00					metal	50 lbs/ton	business estimate	50.00	0.03
	sheet metal parts manufacture and install	5-gal HDPE bucket reused		45.60							plastic	1.9 lbs/bucket	U.S. EPA	45.60	0.02
	sheet metal parts manufacture and install	Pallets reused		832.00							other organic	(lbs/5)/(freq/yr)/(40lbs/bale)	U.S. EPA	832.00	0.42
	sheet metal parts manufacture and install	Pallets burned for biomass	not counted								other organic	8,320.00 lbs/year	U.S. EPA	-	-
	sheet metal parts manufacture and install	Wood scrap burned for biomass	not counted								other organic	280.00 lbs/year	business estimate	-	-
	sheet metal parts manufacture and install	Business card stock reused		0.78							paper	0.015 lbs/wk	business estimate	0.78	0.00
	sheet metal parts manufacture and install	Styrofoam peanuts reused		4.00							plastic	2.0 lbs/33 gal	business estimate	4.00	0.00
	sheet metal parts manufacture and install	Slats burned for biomass	not counted								other organic	4,160.00 lbs/year	business estimate	-	-
	sheet metal parts manufacture and install		18	1,447.88	86.88									1,534.76	0.76
8	motel	Office paper reused as scratch or double-sided		16.25							paper	5 lbs/ream	U.S. EPA	16.25	0.01
	motel	Plastic sprayars refilled from bulk		624.00							plastic	0.1 lb/plastic bottle	business estimate	624.00	0.31
	motel	2-gal HDPE plastic buckets given away		1.88							plastic	0.66 lbs/bucket	business estimate	1.88	0.00
	motel	Pallets recycled			80.00						other organic	40 lbs/pallet	U.S. EPA	80.00	0.04
	motel	Carpet taken off-site		1,000.00							other	100 lbs/room	business estimate	1,000.00	0.50
	motel	Office paper reduction		109.20							paper	5 lbs/ream	U.S. EPA	109.20	0.05
	motel	Phone books recycled			540.00						paper	3 lbs/book	business estimate	540.00	0.27
	motel	Plastic bulk soap returned		360.00							plastic	60 lbs/2 months	business estimate	360.00	0.18
	motel	Reusable mops		230.19							plastic	0.05/utensil	business estimate	230.19	0.12
	motel	Shirts used as drop cloths		702.00							other organic	2.7 lbs/sheet	business estimate	702.00	0.35
	motel	Blankets used as drop cloths		2.30							other organic	2.3 lbs/blanket	business estimate	2.30	0.00
	motel	Bedspreads used as drop cloths		4.45							other organic	4.45 lbs/bedspread	business estimate	4.45	0.00
	motel	Lost and leftover items donated		1,625.00							other	25 lbs/33 gal	business estimate	1,625.00	0.81
	motel		14	4,876.37	636.84									5,513.21	2.76
9	sporting goods retail	Flattened OCC recycled			6,500.00						paper	50.08 lbs/cy	Telus	6,500.00	3.25
	sporting goods retail	Toner cartridges returned		5.00							other	2.5 lbs/cartridge	U.S. EPA	5.00	0.00
	sporting goods retail	Use Hand-helds/paper reduction		5.20							paper	5 lbs/ream	U.S. EPA	5.20	0.00
	sporting goods retail	Medium OCC reused		1,258.40							paper	2.2 lbs/medium box	U.S. EPA	1,258.40	0.63
	sporting goods retail		18	1,288.88	840.88									2,129.76	1.06
10	tire sales and service	Office paper reused as scratch or double-sided		12.00							paper	5 lbs/ream	U.S. EPA	12.00	0.01

Board Meeting April 23, 2003		Diversion (weight in pounds)													Appendix Item Attachment 2a	
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Misc 511	Misc R	Program Start Date	Transformation Biomass/ash	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Pounds per year	Diversion Rate per year	
	fire sales and service	Stretch wrap reused for bow hunting		36.00							plastic	3 lbs/33 gal	U.S. EPA	36.00	0.02	
	fire sales and service	Greenwaste taken off site for chipping			281.14						yardwaste	46.09 lbs/cy	Tellus	281.14	0.14	
	fire sales and service	Non-standard pallets reused (1/2 size)		96.00							other organic	(lbs/5)(freq/yr)(20lbs/ea)	business estimate	96.00	0.05	
	fire sales and service	Computers with monitors donated		440.00							other	55 lbs/each	U.S. EPA	440.00	0.22	
	fire sales and service	Printers donated		202.64							other	25.33 lbs/printer	U.S. EPA	202.64	0.10	
	fire sales and service	Cloth towels replace paper towels		1,300.00							paper	25 lbs/box	business estimate	1,300.00	0.65	
	fire sales and service	5-gallon HDPE buckets reused or given away		197.80							plastic	1.9 lbs/bucket	U.S. EPA	197.80	0.10	
	fire sales and service	Truck inner tubes sold for reuse		300.00							other	3 lbs/each	business estimate	300.00	0.15	
	fire sales and service	Inner tubes donated for reuse		1,225.00							other	1 lbs/each	business estimate	1,225.00	0.61	
	fire sales and service	Tractor tires donated		1,500.00							other	250 lbs/tire	business estimate	1,500.00	0.75	
	fire sales and service	Truck tires recycled			180,000.00						other	80 lbs/tire	U.S. EPA	180,000.00	90.00	
	fire sales and service	Car tires recycled			192,000.00						other	20 lbs/tire	U.S. EPA	192,000.00	96.00	
11	drug wholesaler	Medium OCC reused		5,720.00							paper	2.2 lbs/medium box	U.S. EPA	5,720.00	2.86	
	drug wholesaler	Compressed OCC recycled			332,800.00						paper	400 lbs/cy	U.S. EPA	332,800.00	166.40	
	drug wholesaler	Office paper recycled			1,300.00						paper	5 lbs/ream	U.S. EPA	1,300.00	0.65	
	drug wholesaler	Office paper reused as scratch or double-sided		1,170.00							paper	5 lbs/ream	U.S. EPA	1,170.00	0.59	
	drug wholesaler	Computer pinout paper			10,400.00						paper	100 lbs/ream	business estimate	10,400.00	5.20	
	drug wholesaler	Film bags reused as packing		780.00							plastic	9 lbs/cy	business estimate	780.00	0.39	
	drug wholesaler	Grasscycling		688.70							other organic	6.5 tons/acre	Riverside Co-co Etern	688.70	0.34	
	drug wholesaler	Pallets reused		18,720.00							other organic	(lbs/5)(freq/yr)(40lbs/ea)	U.S. EPA	18,720.00	9.36	
	drug wholesaler	Non-standard pallets recycled (1/2 size)			12,000.00						other organic	20 lbs/pallet	business estimate	12,000.00	6.00	
	drug wholesaler	Non-standard plastic pallets reused (1/2 size)		120.00							other organic	20 lbs/pallet	business estimate	120.00	0.06	
	drug wholesaler	Craft bags reused		780.00							paper	3 lbs/bag	business estimate	780.00	0.39	
	drug wholesaler	Small lots reused		50,050.00							paper	1.1 lbs/small box	U.S. EPA	50,050.00	25.03	
	drug wholesaler	OCC with kids reused (smaller than "small OCC")		5,720.00							paper	1.1 lbs/box including lid	business estimate	5,720.00	2.86	
	drug wholesaler	Bubble wrap reused		312.00							plastic	1 lbs/week	business estimate	312.00	0.16	
	drug wholesaler	Polystyrene peanuts reused		312.00							plastic	0.4 lbs/33 gal	business estimate	312.00	0.16	
	drug wholesaler	Ice bags reused		15,800.00							other	1 lb/bag	business estimate	15,800.00	7.80	
	drug wholesaler	Donate old products		550.00							other	500 lbs/year	business estimate	550.00	0.28	
12	insurance customer service	Medium OCC recycled		5,720.00							paper	2.2 lbs/medium box	U.S. EPA	5,720.00	2.86	
	insurance customer service	Computerized changes/paper reduction		26,000.00							paper	363.5 lbs/cy	U.S. EPA	113,412.00	56.71	
	insurance customer service	Toner cartridges returned		500.00							other	2.5 lbs/cartridge	U.S. EPA	500.00	0.25	
	insurance customer service	Automated mail/check control for insurance company			208,000.00						paper	100 lbs/cy	U.S. EPA	208,000.00	104.00	
13	insurance company	OCC recycled			208,000.00						paper	363.5 lbs/cy	U.S. EPA	1,203,912.00	601.96	
	insurance company	Automated mail/check control for insurance company			1,203,912.00						paper	363.5 lbs/cy	U.S. EPA	1,203,912.00	601.96	
	insurance company	Office paper shredded and recycled			280.90						paper	8 lbs/33 gal	U.S. EPA	280.90	0.15	
	insurance company	Pallets recycled			86,400.00						other organic	40 lbs/pallet	U.S. EPA	86,400.00	43.20	
	insurance company	Computerized changes/paper reduction		5,200.00							paper	5 lbs/ream	U.S. EPA	5,200.00	2.60	
	insurance company	Toner cartridges returned		50.00							other	2.5 lbs/cartridge	U.S. EPA	50.00	0.03	
14	automotive repair	Office paper reused as scratch or double-sided		28.00							paper	5 lbs/ream	U.S. EPA	28.00	0.01	
	automotive repair	Medium OCC reused		343.20							paper	2.2 lbs/medium box	U.S. EPA	343.20	0.17	
15	keys, safes, locks	Medium OCC reused		440.40							paper	2.2 lbs/medium box	U.S. EPA	440.40	0.22	
	keys, safes, locks	Office paper reused as scratch or double-sided		26.00							paper	5 lbs/ream	U.S. EPA	26.00	0.01	
16	seed cleaning coop	Office paper reused as scratch or double-sided		325.00							paper	5 lbs/ream	U.S. EPA	325.00	0.16	
	seed cleaning coop	Non-standard OCC reused for seed storage		1,440.00							paper	6 lbs/box	business estimate	1,440.00	0.72	
	seed cleaning coop	20-gallon HDPE reused as trash can		10.00							plastic	10 lbs/bucket	business estimate	10.00	0.01	
	seed cleaning coop	Seeds and haul waste sold as compost to mushroom farm								270,000.00	other organic	54,000 lbs/year	business estimate	270,000.00	135.00	
	seed cleaning coop	Burlap bags sold back to company		12.50							other organic	1 lbs/bag	business estimate	12.50	0.01	
	seed cleaning coop	Magazines reused (for clients and staff to read)		21.80							paper	3 lbs/10 magazines	U.S. EPA	21.80	0.01	
	seed cleaning coop	Catalogs reused		14.40							paper	0.4 lbs/month	business estimate	14.40	0.01	
	seed cleaning coop	Small OCC reused		156.40							paper	1.1 lbs/email box	U.S. EPA	156.40	0.08	
	seed cleaning coop	Donate old cleaning machines			2,000.00						metal	1 ton/machine	business estimate	2,000.00	1.00	
	seed cleaning coop	Coffee cans reused for samples			33.60						metal	0.28 lbs/can	business estimate	33.60	0.02	
	seed cleaning coop	14-gallon plastic trash bags reused		89.33							plastic	1 lbs/15 bags	business estimate	89.33	0.03	
17	manufacture/treated lumber	Small OCC reused		114.40							paper	1.1 lbs/email box	U.S. EPA	114.40	0.06	
	manufacture/treated lumber	Use fax modem/paper reduction		124.80							paper	5 lbs/ream	U.S. EPA	124.80	0.06	
	manufacture/treated lumber	5-gallon HDPE buckets reused or given away		1,140.00							plastic	1.9 lbs/bucket	U.S. EPA	1,140.00	0.57	
	manufacture/treated lumber	Brush clearance and trimmings for burning	not counted								other organic	1,867.60 lbs/year	Tellus	-	-	
	manufacture/treated lumber	Pallets taken to be burned with green waste	not counted								other organic	192.00 lbs/year	U.S. EPA	-	-	
	manufacture/treated lumber	On-line time cards/ paper reduction		23.40							paper	0.015 lbs/card	U.S. EPA	23.40	0.01	
	manufacture/treated lumber	On-line inventory system/ paper reduction		300.00							paper	5 lbs/ream	U.S. EPA	300.00	0.15	



Board Meeting April 23, 2003																Agenda Item Attachment 2a
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Diversion (weight in pounds)		Program Start Date	Transformation Biomass/Ash	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion (pounds per year)	Diversion (tons per year)	
18	manufacture/retail lumber	Wood reused	30	102,813.36							other organic	329.5 lbs/cy	Tellus	102,813.36	51.41	
	market/grocery store	Medium OCC reused		57.20							paper	2.2 lbs/medium box	U.S. EPA	57.20	0.03	
	market/grocery store	OCC soda shell reused		1,456.00							paper	0.8 lbs/shell	business estimate	1,456.00	0.73	
	market/grocery store	OCC soda shell tray reused		650.00							paper	0.5 lbs/tray	business estimate	650.00	0.33	
	market/grocery store	Meat recycled			9,834.40						other organic	410 lbs/55 gallon	U.S. EPA	9,834.40	4.92	
19	market/grocery store	Grease recycled			9,940.00						other organic	410 lbs/55 gallon	U.S. EPA	9,940.00	4.47	
	market/grocery store	Office paper reused as scratch or double-sided		6.50							paper	5 lbs/ream	U.S. EPA	6.50	0.00	
	market/grocery store	Small OCC reused	15	572.00							paper	1.1 lbs/small box	U.S. EPA	572.00	0.29	
	manufacture industrial burners	OCC boxes recycled			20,800.00						paper	1000 lbs/bale	business estimate	20,800.00	10.40	
	manufacture industrial burners	Office paper reused as scratch and double-sided		78.00							paper	5 lbs/ream	U.S. EPA	78.00	0.04	
	manufacture industrial burners	Rags donated to employees		40.00							other organic	1 lb/12 rags	business estimate	40.00	0.02	
	manufacture industrial burners	Pallets recycled			170,630.00						other organic	40 lbs/pallet	U.S. EPA	170,630.00	85.32	
	manufacture industrial burners	Pallets reused		1,864.00							other organic	(lbs/5)/(freq/yr)(40lbs/ea)	U.S. EPA	1,864.00	0.93	
	manufacture industrial burners	OCC given to employees		337.50							paper	25 lbs/55 gal	business estimate	337.50	0.17	
	manufacture industrial burners	Electronic pricing manual/paper reduction		3.50							paper	5 lbs/ream	U.S. EPA	3.50	0.00	
	manufacture industrial burners	Less frequent manual updates/paper reduction		1.75							paper	5 lbs/ream	U.S. EPA	1.75	0.00	
	manufacture industrial burners	Wood donated		9,885.90							other organic	329.5 lbs/cy	Tellus	9,885.90	4.94	
	manufacture industrial burners	Computers sold		2,100.00							other	30lbs/computer	U.S. EPA	2,100.00	1.05	
	20	manufacture industrial burners	Medium OCC recycled	12	286.00							paper	2.2 lbs/medium box	U.S. EPA	286.00	0.14
		custom cabinets	Wood scrap and sawdust recycled			105,449.60						other organic	329.5 lbs/cy	Tellus	105,449.60	52.72
custom cabinets		Medium OCC reused		400.40							paper	2.2 lbs/medium box	U.S. EPA	400.40	0.20	
custom cabinets		Office paper reused as scratch or double-sided		26.00							paper	5 lbs/ream	U.S. EPA	26.00	0.01	
22	market and catering company	OCC recycled	2	2,080.00							paper	50.0 lbs/cy	Tellus	2,080.00	1.04	
	market and catering company	Shells reused			31,960.50						paper	0.8 lbs/shell	business estimate	31,960.50	15.96	
	market and catering company	Bones and fat recycled			824.00						other organic	410 lbs/55 gallon	U.S. EPA	824.00	0.45	
	market and catering company	recycle grease from trap			15,960.25						other organic	410 lbs/55 gallon	U.S. EPA	15,960.25	7.99	
	market and catering company	recycle grease									other organic	410 lbs/55 gallon	U.S. EPA		0.63	
	market and catering company	Plastic pallets reused		1,664.00							other organic	40 lbs/pallet	U.S. EPA	1,664.00	0.84	
	market and catering company	5-gallon buckets reused		298.40							plastic	1.9 lbs/bucket	U.S. EPA	298.40	0.15	
	market and catering company	35-gallon plastic drums reused		1,960.00							plastic	25 lbs/bucket	field study	1,960.00	0.98	
	market and catering company	Food waste taken to chicken farm			10,920.00						other organic	30 lbs/33 gallon	business estimate	10,920.00	5.46	
	market and catering company	Food donated to wayfair mission			3,500.00						other organic	3500 lbs/ear	business estimate	3,500.00	1.75	
23	hardware store	Uncompacted OCC recycled	35	10,400.00							paper	100 lbs/cy	U.S. EPA	10,400.00	5.20	
	hardware store	Pallets recycled			9,600.00						other organic	40 lbs/pallet	U.S. EPA	9,600.00	4.80	
	hardware store	Mixed paper made into notepads		100.00							paper	100 lbs/yr	business estimate	100.00	0.05	
	hardware store	Gaylord uses/pallet use reduction		41,800.00							other organic	40 lbs/pallet	U.S. EPA	41,800.00	20.80	
	hardware store	Medium OCC recycled	10	400.40							paper	2.2 lbs/medium box	U.S. EPA	400.40	0.20	
24	gym/sports club	Office paper reused as scratch or double-sided		270.00							paper	5 lbs/ream	U.S. EPA	270.00	0.14	
	gym/sports club	2 x 4 wood pieces reused		300.00							other organic	3 lbs/each	business estimate	300.00	0.15	
	gym/sports club	Toner cartridges returned		10.00							other	2.5 lbs/cartridge	U.S. EPA	10.00	0.01	
	gym/sports club	OCC reused for storage by employees	22	4,500.00							paper	63 lbs/each	business estimate	4,500.00	2.25	
	manufacture food	Compacted OCC recycled			32,000.00						paper	8 tons/40 cy	business estimate	32,000.00	16.00	
25	manufacture food	Film bags reused by employees		354.00							plastic	1 lb/15 bags	business estimate	354.00	0.18	
	manufacture food	Wood boxes fixed and reused		260,000.00							other organic	260 lbs/box	business estimate	260,000.00	130.00	
	manufacture food	pallets repaired and reused		170,860.00							other organic	(40lbs/ea) repair & (lbs/5)/(freq/yr)(40lbs/ea)) reuse	U.S. EPA	170,860.00	85.44	
	manufacture food	Tomatoes given to use for land applications								9,000,000.00	other organic	60,000 lbs/truckload	business estimate	9,000,000.00	4,500.00	
	manufacture food	Tomato fiber used as animal feed		7,500,000.00							other organic	100,000 lbs/dry	business estimate	7,500,000.00	3,750.00	
	manufacture food	donate computers		82.50							other	30 lbs/computer	U.S. EPA	82.50	0.04	
	manufacture food	toner cartridges returned		20.00							other	5 lbs/cartridge	U.S. EPA	20.00	0.01	
	manufacture food	toner cartridges returned		10.00							other	2.5 lbs/cartridge	U.S. EPA	10.00	0.01	
	manufacture food	Furniture donated	50	350.00							other	350 lbs/ear	business estimate	350.00	0.18	
	restaurant	newspapers re-used/shredded		2,744.00							paper	1 lb/newspaper	business estimate	2,744.00	1.37	
26	restaurant	cashier bottles refilled		2,620.00							plastic	0.6 lbs/bottle	field study	2,620.00	1.31	
	restaurant	Pallets reused		2,080.00							other organic	(lbs/5)/(freq/yr)(40lbs/ea)	U.S. EPA	2,080.00	1.04	
	restaurant	Grease recycled			15,980.25						other organic	7.45 lbs/gallon	U.S. EPA	15,980.25	7.99	
	restaurant	newspapers re-used/shredded	45	2,184.00							paper	1 lb/newspaper	business estimate	2,184.00	1.09	
	restaurant	Overaged food given to employees		1,560.00							other organic	30 lbs/week	business estimate	1,560.00	0.78	
27	restaurant	Grease recycled	35	13,410.00							other organic	7.45 lbs/gallon	U.S. EPA	13,410.00	6.71	
	gift store	Office paper reused as scratch or double-sided		26.00							paper	5 lbs/ream	U.S. EPA	26.00	0.01	
	gift store	OCC reused		1,144.00							paper	2.2 lbs/medium box	U.S. EPA	1,144.00	0.57	
	gift store	Styrofoam kernal reused		150.00							plastic	12.5 lbs/month	business estimate	150.00	0.08	
	landscaping, redmix, topsoil, aggregate, decoo rock and bark	Lawn mower tire recycling			70.00						other	7 lbs/tire	business estimate	70.00	0.04	
29	landscaping, redmix, topsoil, aggregate, decoo rock and bark	Cement truck tire recycled			750.00						other	75 lbs/tire	U.S. EPA	750.00	0.38	
	landscaping, redmix, topsoil, aggregate, decoo rock and bark	Computerized changes/paper reduction		260.00							paper	5 lbs/ream	U.S. EPA	260.00	0.13	
	reverse and rotary well drilling	Truck tires recycled	25	1,500.00							other	75 lbs/tire	U.S. EPA	1,500.00	0.75	
	reverse and rotary well drilling	Office paper reused as scratch or double-sided		52.00							paper	5 lbs/ream	U.S. EPA	52.00	0.03	
	reverse and rotary well drilling	Fiberless supersacks reused		2,000.00							paper	2 lbs/sack	business estimate	2,000.00	1.00	

Board Meeting April 23, 2003															Appendix Item Attachment 2a	
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Diversion (weight in pounds)	Program Start Date	Transformation Biomass/ton	Composting	Material Type (category)	Conversion Factor (weight per unit)	Source	Estimated Pounds per year	Estimated Tons per year	Diversion Rate per year	Diversion Rate per year
						Miles S/T	Miles R									
31	machine and heavy equipment agricultural and industrial equipment machine tools and accessories	No activity	122	1,889.00	1,889.00								1,889.00	1.28		
32	nutrition program	Medium OCC recycled	8		5,148.00					paper	2.2 lbs/medium box	U.S. EPA	5,148.00	2.57		
		Leftover food donated		2,400.00						other organic	200 lbs/month	business estimate	2,400.00	1.20		
33	rental car facility/insurance replacement cars	Computerized changes and double sided/paper reduction	178	2,488.00	1,143.00					paper	5 lbs/ream	U.S. EPA	104.00	0.05		
	rental car facility/insurance replacement cars	Medium OCC reused		228.80						paper	2.2 lbs/medium box	U.S. EPA	228.80	0.11		
34	Distribution Center	Small OCC reused		2,032.20						paper	1.1 lbs/small box	U.S. EPA	2,032.20	0.17		
	Distribution Center	Medium OCC recycled		7,194.00						paper	2.2 lbs/medium box	U.S. EPA	7,194.00	3.60		
	Distribution Center	Stretchwrap recycled			9,809.80					plastic	775 lbs/roll	business estimate	9,809.80	4.80		
	Distribution Center	Products donated		22,000.00						other	200 lbs/pallet load	business estimate	22,000.00	11.00		
35	bank	Newspapers recycled		28,184.00	85,033.00					paper	1 lb/newspaper	business estimate	85,033.00	44.58		
	bank	Shredded paper recycled			416.00					paper	8 lbs/33 gal	U.S. EPA	416.00	0.21		
	bank	Office paper reused as scratch or double-sided			56.18					paper	5 lbs/ream	U.S. EPA	56.18	0.03		
	bank	Medium OCC reused		52.00						paper	5 lbs/ream	U.S. EPA	52.00	0.03		
	bank	Medium OCC reused		343.20						paper	2.2 lbs/medium box	U.S. EPA	343.20	0.17		
36	AG retailer (tools, other)	Flattened OCC recycled		473.00						paper	50.06 lbs/cy	U.S. EPA	473.00	0.43		
	AG retailer (tools, other)	Office paper reused as scratch		496.00	41,800.00					paper	5 lbs/ream	U.S. EPA	41,800.00	20.80		
	AG retailer (tools, other)	NCR program stopped (paper reduction)		2,900.00						paper	25 lbs/box	business estimate	2,900.00	1.30		
	AG retailer (tools, other)	Pallets reused		4,160.00						other organic	(#lbs/5)(freq/yr)/(40lbs/ea)	U.S. EPA	4,160.00	2.06		
37	manufacture houses	Office paper recycled		2,888.00	21,800.00					paper	16.84 lbs/cy	U.S. EPA	21,800.00	10.42		
	manufacture houses	Office paper double sided		205.71	5,990.40					paper	5 lbs/ream	U.S. EPA	5,990.40	3.00		
	manufacture houses	Greenwaste brought for biomass	not counted							organic	5002.8 lbs/year	business estimate				
	manufacture houses	Pallets given away	not counted	208,000.00						other organic	40 lbs/pallet	U.S. EPA	208,000.00	104.00		
	manufacture houses	Wood burned for biomass	not counted		1,699.40					other organic	445,524.56 lbs/year	business estimate				
38	market	OCC bales recycled	225	308,000.00	1,287,000.00					paper	1100 lbs/box	business estimate	3,444,000.00	160.80		
	market	Office paper double-sided		85.00						paper	5 lbs/ream	U.S. EPA	85.00	0.03		
	market	Medium OCC reused (banana boxes)		3,003.00						paper	2.1 lbs/box	business estimate	3,003.00	1.50		
	market	Pallets repaired		7,200.00						other organic	40lbs/ea	U.S. EPA	7,200.00	3.60		
	market	Use of plastic pallets		10,400.00						other organic	10,400.00	U.S. EPA	10,400.00	5.20		
	market	Pallets reused		62,400.00						other organic	(#lbs/5)(freq/yr)/(40lbs/ea)	U.S. EPA	62,400.00	31.20		
	market	Bones, fat and grease recycled			39,000.00					other organic	250 lbs/55 gal	business estimate	39,000.00	19.50		
	market	Toner cartridges returned (smaller than average)		39.00						other	0.3 lbs/cartridge	business estimate	39.00	0.02		
	market	Apple boxes reused		220.00						paper	2.2 lbs/medium box	U.S. EPA	220.00	0.11		
	market	Melon boxes reused		3,000.00						paper	6 lbs/box	business estimate	3,000.00	1.50		
	market	Totes reused		1,430.00						paper	1.1 lbs/small box	U.S. EPA	1,430.00	0.72		
	market	Food donated		35,100.00						other organic	25 lbs/box	business estimate	35,100.00	17.55		
39	Pop-up campers manufacture and distribution	reuse small boxes	60	122,857.00	1,328,000.00					paper	1.1 lbs/small box	U.S. EPA	1,328,000.00	624.48		
	Pop-up campers manufacture and distribution	reuse 5 gal buckets		34.20						plastic	1.9 lbs/bucket	field study	34.20	0.02		
	Pop-up campers manufacture and distribution	give away carpet scraps		180.00						other	10-20 lbs/33 gal	business estimate	180.00	0.09		
	Pop-up campers manufacture and distribution	reuse paper as scratch		187.50						paper	5 lbs/ream	U.S. EPA	187.50	0.09		
40	manufacture/steel work	Office paper double-sided		380.00						paper	5 lbs/ream	U.S. EPA	380.00	0.18		
	manufacture/steel work	Pallets reused		8,320.00						other organic	(#lbs/5)(freq/yr)/(40lbs/ea)	U.S. EPA	8,320.00	4.16		
	manufacture/steel work	Wood scrap recycled			158,174.40					other organic	329.5 lbs/cy	Tefco	158,174.40	79.09		
	manufacture/steel work	Computers donated		660.00						other	56 lbs/computer	business estimate	660.00	0.28		
	manufacture/steel work	Printers donated		253.30						other	25.3 lbs/printer	business estimate	253.30	0.13		
41	distribution system/reverse logistics	OCC bales recycled	80	8,433.30	186,174.00					paper	30,000 lbs/truckload	business estimate	1,800,000.00	900.00		
	distribution system/reverse logistics	Shrink wrap bales recycled			2,100,000.00					plastic	35,000 lbs/truckload	business estimate	2,100,000.00	1,050.00		
	distribution system/reverse logistics	Polyethylene hangers recycled			1,650,000.00					plastic	28,000 lbs/truckload	business estimate	1,650,000.00	840.00		
	distribution system/reverse logistics	Chipped plastic recycled			800,000.00					plastic	20,000 lbs/truckload	business estimate	800,000.00	400.00		
	distribution system/reverse logistics	Pallets recycled			144,000.00					other organic	40 lbs/pallet	U.S. EPA	144,000.00	72.00		
	distribution system/reverse logistics	Products donated		4,000.00						other	4,000 lbs/year	business estimate	4,000.00	2.00		
	distribution system/reverse logistics	unsalable CPUs returned to vendor for recycle			7,800,000.00					other	28lbs/CPU	U.S. EPA	7,800,000.00	3,900.00		
42	retail housegoods	OCC recycled	18	4,099.00	25,346.50					paper	50 lbs/cy	U.S. EPA	25,346.50	12.67		
	retail housegoods	Polyethylene peanuts reused		312.00						plastic	2 lbs/33 gallon	business estimate	312.00	0.15		
	retail housegoods	Bubble wrap reused		312.00						plastic	3 lbs/33 gallon	business estimate	312.00	0.15		
	retail housegoods	Hangers reused		6,435.00						plastic	22.5 lbs/box	business estimate	6,435.00	3.22		
	retail housegoods	Pallets reused		2,080.00						other organic	(#lbs/5)(freq/yr)/(40lbs/ea)	U.S. EPA	2,080.00	1.04		
	retail housegoods	Shredded paper reused		416.00						paper	8 lbs/33 gallon	U.S. EPA	416.00	0.21		
	retail housegoods	Hanger bones reused		2,288.00						paper	4 lbs/hange box	U.S. EPA	2,288.00	1.14		
	retail housegoods	Damaged goods donated		750.00						other	25 lbs/box	business estimate	750.00	0.38		
	retail housegoods	Desks donated		282.00						other	148 lbs/desk	business estimate	282.00	0.15		
	retail housegoods	Displays donated		720.00						other	30 lbs/display	business estimate	720.00	0.36		
43	market	OCC bales recycled	60	30,800.00	228,800.00					paper	1100 lbs/box	business estimate	2,288,000.00	1,144.00		
	market	Office paper recycled		390.00						paper	5 lbs/ream	U.S. EPA	390.00	0.20		
	market	Label paper recycled		1,321.32						paper	25.41 lbs/33 gallon	U.S. EPA	1,321.32	0.66		
	market	Soda shells recycled		312.00						paper	0.8 lbs/shell	business estimate	312.00	0.16		
	market	Office paper recycled		520.00						paper	6 lbs/ream	U.S. EPA	520.00	0.26		
44	restaurant	Newspaper reused		1,082.00						paper	1 lb/newspaper	business estimate	1,082.00	0.55		
	restaurant	Use reusable trays		728.00						paper	0.02 lbs/tray	business estimate	728.00	0.36		
	restaurant	return toner cartridges		10.00						other	2.5 lbs/cartridge	U.S. EPA	10.00	0.01		
	restaurant	switch to hand drivers		1,300.00						paper	25 lbs/box	business estimate	1,300.00	0.65		
	restaurant	Grocery recycled			17,880.00					other organic	7.45 lbs/gallon	U.S. EPA	17,880.00	8.94		
45	general retail	Large OCC reused	2	1,880.00						paper	4 lbs/large box	U.S. EPA	1,880.00	0.94		

Board Meeting April 23, 2003		Diversions (weight in pounds)												Agenda Item Attachment 2a	
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Metal SR	Metal R	Program Start Date	Transformation Biomass/Ash	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversions Pounds per year	Diversions Tons per year
	general retail	recycle phonebooks		21.00							paper	4 lbs/each	field study	21.00	0.01
	general retail	timecards online		45.50							paper	0.0125 lb/card	business estimate	45.50	0.02
	general retail	reports and manuals converted to online		414.00							paper	5 lbs/ream	U.S. EPA	414.00	0.21
	general retail	reuse file folders		150.00							paper	0.125 lb/folder	business estimate	150.00	0.08
	general retail	reuse paper as scratch		360.00							paper	5 lbs/ream	U.S. EPA	360.00	0.18
	general retail	Stacked OCC recycled			16,000.00						paper	50 lbs/cy	U.S. EPA	16,000.00	8.00
	general retail	Products donated		3,600.00							other organic	50 lbs/cy	business estimate	3,600.00	1.80
46	crafts and fabrics retail	Uncompacted OCC recycled	20	14,275.00	16,800.00						paper	100 lbs/cy	U.S. EPA	24,075.00	12.04
	crafts and fabrics retail	Medium OCC reused		1,258.40							paper	2.2 lbs/medium box	U.S. EPA	1,258.40	0.63
	crafts and fabrics retail	Products donated		200.00							other	200 lbs/year	business estimate	200.00	0.10
48	drayage	Truck tires recycled	17	1,498.40	1,695.00						other	75 lbs/tire	U.S. EPA	20,976.00	10.49
	drayage	Office paper reused as scratch or double-sided			3,000.00						paper	5 lbs/ream	U.S. EPA	3,000.00	1.50
	drayage			280.00							paper	5 lbs/ream	U.S. EPA	280.00	0.13
49	Miscellaneous retail and restaurant	OCC bales recycled	22	3,895.00	3,895.00						paper	550 lbs/bale	business estimate	3,895.00	1.93
	Miscellaneous retail and restaurant	Grease recycled			128,700.00						other organic	410 lbs/55 gallon	U.S. EPA	128,700.00	64.35
	Miscellaneous retail and restaurant	Paint donated		210.00							other	7 lbs/gallon	business estimate	210.00	0.11
	Miscellaneous retail and restaurant		100	216.00	100,000.00						plastic	500 lbs/year	business estimate	100,216.00	50.12
50	Distribution center/electrical products	Wood crates reused		9,100.00							other organic	17.5 lbs/crate	business estimate	9,100.00	4.55
	Distribution center/electrical products	Pallets reused		104,000.00							other organic	(feet/5)/(feet/yr)/(40lbs/ea)	U.S. EPA	104,000.00	52.00
	Distribution center/electrical products	Damaged PVC pipe recycled			500.00						plastic	500 lbs/year	business estimate	500.00	0.25
51	auto sales and service	Small OCC reused for shipping	25	1,130.00	500.00						paper	1.1 lbs/small box	U.S. EPA	1,130.00	0.56
	auto sales and service	Medium OCC reused for shipping		200.20							paper	2.2 lbs/medium box	U.S. EPA	200.20	0.10
	auto sales and service	Office paper reused as scratch		400.40							paper	5 lbs/ream	U.S. EPA	400.40	0.20
	auto sales and service	Implemented cloth in bathrooms (paper reduction)		1,000.00							paper	25 lbs/box	business estimate	1,000.00	0.50
	auto sales and service	Implemented computer system for parts book (paper reduction)		1,300.00							paper	5 lbs/ream	U.S. EPA	1,300.00	0.65
	auto sales and service			500.00							paper	5 lbs/ream	U.S. EPA	500.00	0.25
52	pumps and water systems	Pallets recycled	47	3,406.00	9,800.00						other organic	40 lbs/pallet	U.S. EPA	9,800.00	4.90
	pumps and water systems	Office paper reused as scratch or double-sided		52.00							paper	5 lbs/ream	U.S. EPA	52.00	0.03
	pumps and water systems		30	82.00	3,005.00						paper	5 lbs/ream	U.S. EPA	3,087.00	1.54
53	truck cover and bed liners	Truck covers and bedliners		3,120.00							paper	4.0 lbs/large box	U.S. EPA	3,120.00	1.56
	truck cover and bed liners	OCC bales recycled			130,000.00						paper	500 lbs/bale	business estimate	130,000.00	65.00
	truck cover and bed liners	Pallets reused		20,800.00							other organic	(feet/5)/(feet/yr)/(40lbs/ea)	U.S. EPA	20,800.00	10.40
	truck cover and bed liners	Wood recycled			685,422.90						other organic	325.5 lbs/cy	Tellus	685,422.90	342.71
	truck cover and bed liners	Wood scrap reused		8,567.78							other organic	325.5 lbs/cy	Tellus	8,567.78	4.28
	truck cover and bed liners	Voicecall system implemented (paper reduction)		350.00							paper	5 lbs/ream	U.S. EPA	350.00	0.20
54	autobody shop	Stacked OCC recycled	340	31,877.78	816,433.00						paper	50 lbs/cy	U.S. EPA	348,310.78	174.16
	autobody shop	Winded/windshields taken offsite		1,820.00							paper	20 lbs/windshield	business estimate	1,820.00	0.91
	autobody shop	grasycling			650.00						organic	25 lbs/33gal	U.S. EPA	650.00	0.33
	autobody shop	Tires recycled		400.00							other	20 lbs/tire	U.S. EPA	400.00	0.20
	autobody shop	Stopped NOR system		1,500.00							paper	5 lbs/ream	U.S. EPA	1,500.00	0.75
55	retail drugstore and general merchandise	OCC bales recycled	16	3,438.00	2,400.00						paper	500 lbs/bale	business estimate	2,400.00	1.20
	retail drugstore and general merchandise	Magazines recycled			2,400.00						paper	1 lb/magazine	business estimate	2,400.00	1.20
	retail drugstore and general merchandise	Computerized changes/paper reduction		1,300.00							paper	5 lbs/ream	U.S. EPA	1,300.00	0.65
56	condiment manufacture	OCC recycled	25	1,448.00	25,495.00						paper	50 lbs/cy	U.S. EPA	27,943.00	13.98
	condiment manufacture	Non-standard broken pallets recycled			60,000.00						other organic	20 lbs/pallet	business estimate	60,000.00	30.00
	condiment manufacture	Non-standard pallets reused		145,600.00							other organic	(feet/5)/(feet/yr)/(20lbs/ea)	business estimate	145,600.00	72.80
	condiment manufacture	Food donated		1,200.00							other organic	20 lbs/box	business estimate	1,200.00	0.60
57	parts distribution center	Medium OCC reused	25	2,288.00	114,600.00						paper	2.2 lbs/medium box	U.S. EPA	2,288.00	1.14
	parts distribution center	Large OCC reused		1,040.00							paper	4 lbs/large box	U.S. EPA	1,040.00	0.52
	parts distribution center	Small OCC recycled			475.20						paper	1.1 lbs/small box	U.S. EPA	475.20	0.24
	parts distribution center	Medium OCC recycled			316.80						paper	2.2 lbs/medium box	U.S. EPA	316.80	0.16
	parts distribution center	Large OCC recycled			975.00						paper	4 lbs/large box	U.S. EPA	975.00	0.49
	parts distribution center	Office paper recycled		3,008.25							paper	5 lbs/ream	U.S. EPA	3,008.25	1.50
	parts distribution center	Pallets sold for recycling		76,800.00							other organic	40 lbs/pallet	U.S. EPA	76,800.00	38.40
	parts distribution center	Wood recycled			458,948.28						other organic	325.5 lbs/cy	Tellus	458,948.28	229.47
	parts distribution center	Wire cages used instead of OCC		40,040.00							paper	7 lbs/box	business estimate	40,040.00	20.02
	parts distribution center	use of jobs		3,950.00							paper	1.1 lbs/small box	U.S. EPA	3,950.00	1.98
	parts distribution center	Mixed office paper recycled			1,321.00						paper	25.41 lb/33 gal	U.S. EPA	1,321.00	0.66
	parts distribution center	Truck tires recycled			210.00						other	60 lbs/tire	U.S. EPA	210.00	0.11
58	metal fabricator	Medium OCC reused	30	27,338.00	438,453.21						paper	2.2 lbs/medium box	U.S. EPA	27,338.00	13.67
	metal fabricator	Small OCC reused		1,830.00							paper	1.1 lbs/small box	U.S. EPA	1,830.00	0.92
	metal fabricator	Office paper recycled		5,236.80	1,040.00						paper	5 lbs/ream	U.S. EPA	5,236.80	2.62
	metal fabricator	Office paper reused as scratch		260.00							paper	5 lbs/ream	U.S. EPA	260.00	0.13
	metal fabricator	Small chipboard boxes reused		208.00							paper	0.4 lbs/box	business estimate	208.00	0.10
	metal fabricator	Grasycling		367.30							organic	6.5 tons/acre	Riverside Co-op Extern	367.30	0.18
	metal fabricator	Damaged pallets recycled			21,600.00						other organic	40 lbs/pallet	U.S. EPA	21,600.00	10.80
	metal fabricator	Pallets reused		9,800.00							other organic	(feet/5)/(feet/yr)/(40lbs/ea)	U.S. EPA	9,800.00	4.90
59	restaurant	Flattened OCC recycled	34	28,808.18	11,844.00						paper	50.09 lbs/cy	Tellus	30,652.18	15.32
	restaurant	Implemented electric hand dryers (paper reduction)		1,300.00	20,833.28						paper	25 lbs/box	business estimate	1,300.00	0.65
	restaurant	5-gallon plastic buckets reused		2,080.50							plastic	1.9 lbs/bucket	U.S. EPA	2,080.50	1.04
	restaurant	Change in business practice: food cooked when ordered (food waste reduction)		10,920.00							other organic	(33gal/cy)/(30lbs/33gal)	business estimate	10,920.00	5.46
	restaurant	Grease recycled		8,840.00							other organic	7.45 lbs/gallon	U.S. EPA	8,840.00	4.47

Board Meeting April 23, 2003		Diversification (weight in pounds)													Agenda Item Attachment 2a	
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Metals SR	Metals R	Program Start Date	Transformation Business/Unit	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Estimated Reduction per year	Estimated Reduction per year	
	restaurant	Beverages delivered in reusable stainless containers (stopped OCC containers)		1,310.40							paper	0.8 lb/box	business estimate	1,310.40	0.66	
	restaurant	Implemented reusable trays (paper reduction)		546.00							paper	0.06 lb/tray	business estimate	546.00	0.27	
61	retail	Medium OCC reused		35,750.00							paper	2.2 lb/box	U.S. EPA	35,750.00	17.89	
	retail	OCC recycled			13,000.00						paper	50lb/cy	U.S. EPA	13,000.00	6.50	
	retail	Flattened OCC recycled			5,196.00						paper	50.06 lb/cy	Telus	5,196.00	2.60	
	retail	Stretch wrap recycled			3,120.00						plastic	0.5 lb/pallet load (lb/cy)(recycle)(40lb/ea)	Telus	3,120.00	1.56	
	retail	Pallets reused		384.00							other organic	(lb/cy)(recycle)(40lb/ea)	U.S. EPA	384.00	0.19	
	retail	Plastic pallets reused		1,248.00							other organic	(lb/cy)(recycle)(40lb/ea)	U.S. EPA	1,248.00	0.62	
	retail	Hangers sent back to distribution center		22,750.00							other	1 lb/5 hangers	business estimate	22,750.00	11.38	
	retail	Computerized system (paper reduction)		600.00							paper	5 lb/ream	U.S. EPA	600.00	0.30	
	retail	Implemented scanning system (paper reduction)		2,800.00							paper	2600 lb/year	business estimate	2,800.00	1.30	
62	retail	Bedding donated		492.58							other organic	492.58 lb/year	business estimate	492.58	0.25	
	retail	Reuse quart size bottles		145.60							plastic	0.1 lb/each	business estimate	145.60	0.07	
63	retail furniture	OCC recycled			6,000.00						paper	500 lb/month	business estimate	6,000.00	3.00	
	retail furniture	Shipment packing redesigned/uses OCC		12,000.00							paper	1000 lb/month	business estimate	12,000.00	6.00	
64	food packaging and distribution	Flattened OCC recycled			18,229.12						paper	50.06 lb/cy	Telus	18,229.12	9.11	
	food packaging and distribution	Office paper shredded for reuse		280.00							paper	5 lb/ream	U.S. EPA	280.00	0.13	
	food packaging and distribution	Implemented snap rollers		300.00							paper	25 lb/box	business estimate	300.00	0.15	
	food packaging and distribution	Poly woven bags sold		4,200.00							plastic	4 lb/bag	business estimate	4,200.00	2.10	
	food packaging and distribution	Broken pallets recycled			15,000.00						other organic	40 lb/pallet	U.S. EPA	15,000.00	7.50	
	food packaging and distribution	Food donated		5,000.00							other organic	5000 lb/year	business estimate	5,000.00	2.50	
	food packaging and distribution	Rice cakes donated to food bank		2,400.00							other organic	200 lb/month	business estimate	2,400.00	1.20	
	food packaging and distribution	Furniture donated		200.00							other	100 lb/each	business estimate	200.00	0.10	
65	grocery store	OCC boxes recycled			286,000.00						paper	500 lb/bale	business estimate	286,000.00	143.00	
	grocery store	Meat scrap rendered			28,350.00						other organic	50 lb/30 gal tote	business estimate	28,350.00	14.18	
	grocery store	Grease recycled			27,350.00						other organic	7.45 lb/gal	U.S. EPA	27,350.00	13.68	
	grocery store	Bread donated		26,000.00							other organic	100 lb/day	business estimate	26,000.00	13.00	
	grocery store	Medium OCC reused		4,576.00							paper	2.2 lb/medium box	U.S. EPA	4,576.00	2.29	
	grocery store	Pallets reused on-site		8,320.00							other organic	(lb/cy)(recycle)(40lb/ea)	U.S. EPA	8,320.00	4.16	
66	grocery store corporate office	Mixed paper shredded and recycled			354,384.00						paper	20 lb/month	business estimate	354,384.00	177.19	
	grocery store corporate office	Office paper reused as scratch or double-sided		240.00							paper	5 lb/ream	U.S. EPA	240.00	0.12	
67	oil change service	Office paper recycled		26.00							paper	800 lb/bale	business estimate	26.00	0.01	
68	hardware store	OCC boxes recycled			78,000.00						paper	500 lb/bale	business estimate	78,000.00	39.00	
	hardware store	Office paper recycled			520.00						paper	5 lb/ream	U.S. EPA	520.00	0.26	
	hardware store	Office paper shredded and recycled			418.00						paper	8 lb/33 gallons	U.S. EPA	418.00	0.21	
	hardware store	Newspaper recycled			840.00						paper	35 lb/12" stack	U.S. EPA	840.00	0.42	
	hardware store	HDPE 2-gallon bottles reused		5.00							plastic	1 lb/bottle	business estimate	5.00	0.00	
	hardware store	Pallet reuse		10,400.00							other organic	(lb/cy)(recycle)(40lb/ea)	U.S. EPA	10,400.00	5.20	
	hardware store	Use of plastic pallets		83,600.00							other organic	40lb/ea	U.S. EPA	83,600.00	46.80	
	hardware store	Damaged goods taken by employees		52,000.00							other	100 lb/cy	business estimate	52,000.00	26.00	
	hardware store	HDPE pots donated or returned to vendor		2,340.00							plastic	1.3 lb/pot	business estimate	2,340.00	1.17	
69	food processing plant	OCC boxes recycled			120,000.00						paper	500 lb/bale	business estimate	120,000.00	60.00	
	food processing plant	Office paper recycled			3,600.00						paper	5 lb/ream	U.S. EPA	3,600.00	1.80	
	food processing plant	Office paper double-sided		380.00							paper	5 lb/ream	U.S. EPA	380.00	0.18	
	food processing plant	Newspapers reused		1,040.00							paper	1 lb/newspaper	business estimate	1,040.00	0.52	
	food processing plant	Pallets recycled			120,000.00						other organic	40 lb/pallet	U.S. EPA	120,000.00	60.00	
	food processing plant	Plastic pallets reused		2,400.00							other organic	40 lb/pallet	U.S. EPA	2,400.00	1.20	
	food processing plant	Non-standard pallets recycled			40,000.00						other organic	20 lb/pallet	business estimate	40,000.00	20.00	
	food processing plant	Food donated to schools		5,000.00							other organic	5000 lb/year	business estimate	5,000.00	2.50	
	food processing plant	Implemented snap rollers		13,000.00							paper	25 lb/box	business estimate	13,000.00	6.50	
	food processing plant	Reuse packaging		500.00							paper	500 lb/year	business estimate	500.00	0.25	
	food processing plant	Reuse OCC slipsheets instead of pallets		12,500.00							paper	2.5 lb/sheet	business estimate	12,500.00	6.25	
	food processing plant	Implemented online system (paper reduction)		2,600.00							paper	5 lb/ream	U.S. EPA	2,600.00	1.30	
	food processing plant	Implemented online registration		400.00							paper	400 lb/year	business estimate	400.00	0.20	
	food processing plant	OCC type B box reduced packaging size		1,800.00							paper	0.05 lb/box	business estimate	1,800.00	0.90	
	food processing plant	Plastic fiber bags reused		380.00							plastic	0.5 lb/bag	business estimate	380.00	0.18	
	food processing plant	5-gallon bucket reused		273.60							plastic	1.9 lb/bucket	U.S. EPA	273.60	0.14	
	food processing plant	55-gallon drums given away		1,012.50							plastic	15 lb/drum	EcoTelesis	1,012.50	0.51	
	food processing plant	Styrofoam peanuts reused		1,500.00							plastic	1500 lb/year	business estimate	1,500.00	0.75	
	food processing plant	Sacks sold		6,800.00							plastic	3 lb/sack	business estimate	6,800.00	3.40	
	food processing plant	Food donated to farms; food to hog		2,808,000.00							other organic	27000 lb/load	business estimate	2,808,000.00	1,404.00	
	food processing plant	misc. printer/toner cartridges returned		125.00							other	2.5 lb/cartridge	U.S. EPA	125.00	0.06	
71	beverage distributor	Office paper recycled			3,983.96						paper	25.41 lb/33 gallons	U.S. EPA	3,983.96	1.99	
	beverage distributor	Stretch plastic recycled			800.80						plastic	0.08 lb/roll	business estimate	800.80	0.40	
	beverage distributor	Broken pallets recycled			1,400.00						other organic	40 lb/pallet	U.S. EPA	1,400.00	0.70	
	beverage distributor	Plastic trays reused (OCC reduction)		15,600.00							paper	0.3 lb/tray	business estimate	15,600.00	7.80	
	beverage distributor	Plastic shells reused		28,952.00							paper	0.8 lb/shell	business estimate	28,952.00	14.48	
	beverage distributor	Plastic totes reused		30,030.00							paper	1.1 lb/shell box	U.S. EPA	30,030.00	15.02	
	beverage distributor	Soda shells reused		198,000.00							paper	0.3 lb/shell	business estimate	198,000.00	99.00	
	beverage distributor	replace plastic containers with more durable stainless steel		1,201.20							plastic	0.33 lb/each	business estimate	1,201.20	0.60	
	beverage distributor	Outdated Product donated in plastic liter bottles		10,000.00							other organic	25 lb/case	business estimate	10,000.00	5.00	

Board Meeting April 23, 2003			Waste (weight in pounds)										Agenda Item Attachment 2a		
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Metals SR	Metals R	Program Start Date	Transformation Biomass-Ash	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Rate per year	Diversion Rate per year
	beverage distributor	Outdated Product donated in Al cans		6,400.00							other organic	21 lbs/case	business estimate	6,400.00	4.20
	beverage distributor		40	250,340.00	1,344.75									250,340.00	1.81
73	wholesale electrical product distribution	Small OCC reused		2,880.00							paper	1.1 lbs/small box	U.S. EPA	2,880.00	1.43
	wholesale electrical product distribution	Medium OCC reused		2,268.00							paper	2.2 lbs/medium box	U.S. EPA	2,268.00	1.14
	wholesale electrical product distribution	Large OCC reused		1,040.00							paper	4 lbs/large box	U.S. EPA	1,040.00	0.52
	wholesale electrical product distribution	Office paper recycled			1,200.00						paper	5 lbs/ream	U.S. EPA	1,200.00	0.60
	wholesale electrical product distribution	Scrap metal recycled began after 1988					1,812.00	M=1988			metal	228.5 lbs/55 gallon	U.S. EPA	1,812.00	0.91
	wholesale electrical product distribution	Wood spools reused		1,500.00							other organic	60 lbs/spool	business estimate	1,500.00	0.75
	wholesale electrical product distribution	Implemented computer ordering system		280.00							paper	5 lbs/ream	U.S. EPA	280.00	0.13
	restaurant	Newspapers reused	18	3,822.00	3,845.00		1,812.00				paper	1 lbs/newspaper	business estimate	10,499.00	5.45
	restaurant	5-gallon buckets reused		345.80							plastic	1.9 lbs/bucket	U.S. EPA	345.80	0.17
	restaurant	Grease recycled			8,940.00						other organic	7.45 lbs/gallon	U.S. EPA	8,940.00	4.47
75	retail water and water dispensers	Medium OCC recycled	12	6,187.30	3,845.00						paper	2.2 lbs/medium box	U.S. EPA	13,032.30	6.56
	retail water and water dispensers	Office paper reused as scratch or double-sided		26.00							paper	5 lbs/ream	U.S. EPA	26.00	0.01
	retail water and water dispensers	Water filters sent to be refurbished		75.00							other	75 lbs/filter	business estimate	75.00	0.04
	retail water and water dispensers	Small OCC reused	3	193.36	1,148.00						paper	1.1 lbs/small box	U.S. EPA	1,241.36	0.62
78	distribution center	Medium OCC reused		7,865.00							paper	2.2 lbs/medium box	U.S. EPA	7,865.00	3.93
	distribution center	OCC recycled		15,730.00							paper	5 lbs/ream	U.S. EPA	15,730.00	7.87
	distribution center	recycle white ledger			832,000.00						paper	5 lbs/ream	U.S. EPA	832,000.00	416.00
	distribution center	Office paper reused as scratch or double-sided		450.00							paper	5 lbs/ream	U.S. EPA	450.00	0.23
	distribution center	Computer paper recycled			4,642.85						paper	5 lbs/ream	U.S. EPA	4,642.85	2.32
	distribution center	Desks donated		876.00							other	146 lbs/desk	business estimate	876.00	0.44
	distribution center	Chairs donated		918.80							other	38.2 lbs/chair	business estimate	918.80	0.46
77	electronic retail outlet	Small OCC reused	2	49,233.36	617,868.24						paper	1.1 lbs/small box	U.S. EPA	468,634.88	234.14
	electronic retail outlet	reuse bubble wrap		231.00							plastic	3 lbs/36" roll	business estimate	231.00	0.12
	electronic retail outlet	Medium OCC reused		36.00							paper	2.2 lbs/medium box	U.S. EPA	36.00	0.02
	electronic retail outlet			462.00							paper	2.2 lbs/medium box	U.S. EPA	462.00	0.23
	irrigation systems	Pallets recycled			13,181.20						other organic	329.53 lbs/cy	U.S. EPA	13,181.20	6.59
	irrigation systems	Medium OCC reused		5,720.00							paper	2.2 lbs/medium box	U.S. EPA	5,720.00	2.88
	irrigation systems	Office paper used for scratch or double-sided		280.00							paper	5 lbs/ream	U.S. EPA	280.00	0.13
	irrigation systems	Toner cartridges recycled			12.50						other	2.5 lbs/cartridge	U.S. EPA	12.50	0.01
79	supermarket	OCC bales recycled	14	6,269.36	18,098.00						paper	500 lbs/bale	business estimate	18,098.00	9.04
	supermarket	Cooking oil and grease recycled			22,350.00						other organic	7.45 lbs/gal	U.S. EPA	22,350.00	11.18
	supermarket	Meat scrap rendered			26,000.00						other organic	1000 lbs/2 wks	business estimate	26,000.00	13.00
	supermarket	Electronic inventory system/paper reduction		2,800.00							paper	5 lbs/ream	U.S. EPA	2,800.00	1.30
	supermarket	Food donated		10,400.00							other organic	200 lbs/bulk	business estimate	10,400.00	5.20
81	rice mill and packaging	Small OCC reused	45	13,888.36	168,268.28						paper	1.1 lbs/small box	U.S. EPA	142,156.64	71.08
	rice mill and packaging	Broken pallets sold to pallet master		528.00							other organic	40 lbs/pallet	U.S. EPA	528.00	0.26
	rice mill and packaging	Bran byproduct used as catfeed			24,000.00						other organic	40 lbs/pallet	U.S. EPA	24,000.00	12.00
	rice mill and packaging	Rice hulls composted		30,550,000.00							other organic	15,275 tons/year, calculated by season	business estimate	30,550,000.00	15,275.00
	rice mill and packaging	Rice hulls sent for biomass	not counted								other organic	1.5 tons/year	business estimate	3,000.00	1.50
	rice mill and packaging	Rice hulls sent to Foster Farms									other organic	4,080,000.00 lbs/year	business estimate		
	rice mill and packaging	Rice hulls sent to UC Davis		84,864,000.00							other organic	34,000 lbs/bul	business estimate	84,864,000.00	42,432.00
	rice mill and packaging				1,000.00						other organic	1 ton/year	business estimate	1,000.00	0.50
82	drug store distribution center	OCC bales recycled	2	3,164,938.00	38,809.76						paper	1730 tons/year	business estimate	3,168,102.76	1,584.08
	drug store distribution center	Mixed paper recycled			3,460,000.00						paper	58 lbs/cubic foot	PEECO	3,460,000.00	1,730.00
	drug store distribution center	Office paper recycled			9,744.00						paper	5 lbs/ream	U.S. EPA	9,744.00	4.87
	drug store distribution center	Stretch wrap and trash bags recycled			130,000.00						paper	5 lbs/ream	U.S. EPA	130,000.00	65.00
	drug store distribution center	recycled			104,000.00						plastic	52 tons/year	business estimate	104,000.00	52.00
	drug store distribution center	Broken chairs recycled			4,880.00						plastic	10 lbs/chair	business estimate	4,880.00	2.34
	drug store distribution center	Wood scrap reused by employees		3,954.36							other organic	328.5 lbs/cy	Tollie	3,954.36	1.96
	drug store distribution center	Truck tires recycled			3,120.00						other	60 lbs/tire	U.S. EPA	3,120.00	1.56
	drug store distribution center	Bulletinboard usage		600.00							paper	5 lbs/ream	U.S. EPA	600.00	0.30
	drug store distribution center	Computer reports (paper reduction)		600.00							paper	5 lbs/ream	U.S. EPA	600.00	0.30
	drug store distribution center	Totes reused		514,800.00							paper	1.1 lbs/box	U.S. EPA	514,800.00	257.40
	drug store distribution center	Donated products		20,000.00							other	200 lbs/cubic foot	business estimate	20,000.00	10.00
	drug store distribution center		800	636,884.36	4,711,847.40						other	200 lbs/cubic foot	business estimate	4,712,484.36	2,356.23
83	candy distribution center	Newspapers taken home by employees		280.00							paper	1 lbs/newspaper	business estimate	280.00	0.13
	candy distribution center	OCC bales recycled			16,200.00						paper	800 lbs/bale	business estimate	16,200.00	8.10
	candy distribution center	Stretch wrap bales recycled			9,800.00						plastic	650 lbs/bale	business estimate	9,800.00	4.95
	candy distribution center	Broken pallets recycled			1,200.00						other organic	40 lbs/pallet	U.S. EPA	1,200.00	0.60
	candy distribution center	Grasscycling		1,560.00							organic	30 lbs/33 gallon	business estimate	1,560.00	0.78
	candy distribution center	Candy donated		12,500.00							other organic	12,500 lbs/year	business estimate	12,500.00	6.25
	candy distribution center		18	34,326.00	27,306.00						paper	1 lbs/newspaper	business estimate	41,632.00	20.81
84	bank	Newspapers recycled		780.00							paper	1 lbs/newspaper	business estimate	780.00	0.39
	bank	Office paper shredded and recycled			924.00						paper	25.41 lbs/33 gal	U.S. EPA	924.00	0.46
	bank	Office paper reused as scratch or double-sided		156.00							paper	5 lbs/ream	U.S. EPA	156.00	0.08
	bank	Medium OCC boxes reused		1,144.00							paper	2.2 lbs/medium box	U.S. EPA	1,144.00	0.57
	bank	Toner cartridges recycle			60.00						other	2.5 lbs/cartridge	U.S. EPA	60.00	0.03
85	grocery store on wheels	recycle OCC	22	1,148.00	1,244.00						paper	50 lbs/cy	US EPA	2,392.00	1.20
	grocery store on wheels				206,000.00						paper	50 lbs/cy	US EPA	206,000.00	104.00
86	return center for Sears retail stores	Shoes donated	2	172,800.00							other organic	300 lbs/tyd	business estimate	172,800.00	86.40
	return center for Sears retail stores	Clothes donated		80,000.00							other organic	20,000 lbs/trailer load	business estimate	80,000.00	40.00



Board Meeting April 23, 2003		Diversion (weight in pounds)										Agenda Item Attachment 2a			
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Miles S/E	Miles R	Program Start Date	Transformation Barnackoff	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Domestic Recycled per year	Domestic Total per year
				242,949.00										207,340.00	17.31
89	paper towel and napkin distribution center	OCC recycled (whole boxes)			34,611.20						paper	16.64 lbs/cy	Tellus	34,611.20	17.31
	paper towel and napkin distribution center	Office paper recycled			1,800.00						paper	5 lbs/ream	U.S. EPA	1,800.00	0.90
	paper towel and napkin distribution center	Stretch wrap recycled			332.80						plastic	6 lbs/55 gallon	business estimate	332.80	0.17
	paper towel and napkin distribution center	Broken pallets recycled			20,800.00						other organic	40 lbs/pallet	U.S. EPA	20,800.00	10.40
	paper towel and napkin distribution center	Donated paper products		25,000.00							paper	25 lbs/case	business estimate	25,000.00	12.50
90	mini-mart	Flattened OCC recycled	1	25,899.28	87,346.00						paper	50.05 lbs/cy	Tellus	87,346.00	43.27
	mini-mart	Gods shells reused		2,080.00	7,812.48						paper	0.8 lbs/shell	business estimate	2,080.00	1.04
	mini-mart	Overaged food taken by employees or off-site		1,580.00							other organic	30 lbs/33 gallon	business estimate	1,580.00	0.78
91	home builders	Composted OCC recycled	5	2,496.80	7,912.48						paper	400 lbs/cy	U.S. EPA	312,000.00	156.00
	home builders	Wood taken by employees			1,300.00						other organic	50 lbs/33 gallon	business estimate	1,300.00	0.65
	home builders	Broken pallets recycled			4,100.00						other organic	40 lbs/pallet	U.S. EPA	4,100.00	2.05
	home builders	Wood scrap recycled			1,370,844.80						other organic	(800/wk)(328 lbs/cy)	Tellus	1,370,844.80	685.42
	home builders	Drywall recycled			3,274,502.40						inorganic	(40cy/wk)(328 lbs/cy)	Tellus	3,274,502.40	1,637.25
93	office supply retail	OCC boxes recycled	140		4,983,897.20						paper	750 lbs/bale	business estimate	4,983,897.20	2,491.95
	office supply retail	Medium OCC reused		457.50	39,000.00						paper	2.2 lbs/medium box	U.S. EPA	39,000.00	19.50
	office supply retail	Office paper recycled			5,838.34						paper	5 lbs/ream	U.S. EPA	5,838.34	2.92
	office supply retail	Newspapers recycled			480.00						paper	20 lbs/box	business estimate	480.00	0.24
	office supply retail	Office paper reused as scratch or double-sided		812.50							paper	5 lbs/ream	U.S. EPA	812.50	0.41
	office supply retail	Pallets reused		10,400.00							other organic	(#55)(reg)(40 lbs/cy)	U.S. EPA	10,400.00	5.20
	office supply retail	Broken pallets recycled			480.00						other organic	40 lbs/pallet	U.S. EPA	480.00	0.24
	office supply retail	Plastic pallets used/reused		5,200.00							other organic	40 lbs/pallet	U.S. EPA	5,200.00	2.60
	office supply retail	Totes used/reused		3,575.00							paper	1.1 lbs/ram box	U.S. EPA	3,575.00	1.79
	office supply retail	Implemented use of handholds (paper reduction)		280.00							paper	5 lbs/ream	U.S. EPA	280.00	0.13
	office supply retail	Polystyrene peanuts reused		520.00							plastic	2 lbs/23 gal	business estimate	520.00	0.26
94	retail auto parts storage facility/retail	reuse paper for packaging	20	41,328.58	64,749.24						paper	5 lbs/ream	U.S. EPA	64,749.24	32.37
	retail auto parts storage facility/retail	give away pallets		80.00	80.00						other organic	40 lbs/pallet	US EPA	80.00	0.04
95	retail store	Medium OCC boxes reused	2	84,350.00	80.00						paper	2.2 lbs/medium box	U.S. EPA	84,350.00	42.18
	retail store	OCC boxes recycled			561,600.00						paper	300 lbs/case	business estimate	561,600.00	280.80
	retail store	Office paper recycled			1,040.00						paper	5 lbs/ream	U.S. EPA	1,040.00	0.52
	retail store	Computer paper recycled			1,495.71						paper	5 lbs/ream	U.S. EPA	1,495.71	0.74
	retail store	Pallets reused		20,800.00							other organic	(#55)(reg)(40 lbs/cy)	U.S. EPA	20,800.00	10.40
	retail store	Implemented snap rolls and hand dryers		1,300.00							paper	25 lbs/box	business estimate	1,300.00	0.65
	retail store	OCC boxes recycled			43,200.00						paper	900 lbs/bale	business estimate	43,200.00	21.60
	retail store	Hangers reused		4,853.33							plastic	1 lbs/15 hangers	business estimate	4,853.33	2.43
	retail store	Planter hats reused		3,367.00							plastic	0.37 lbs/hat	business estimate	3,367.00	1.68
	retail store	Grocery recycled			4,648.80						other organic	7.45 lbs/gallon	U.S. EPA	4,648.80	2.32
96	Distribution center	Mixed OCC and office paper boxes recycled	210	34,878.33	811,876.31						paper	800 lbs/bale	business estimate	3,983,800.00	1,991.90
	Distribution center	white ledger recycled			4,800.00						paper	50 lbs/box (ca)	U.S. EPA	4,800.00	2.40
	Distribution center	switch from paper payrolls to plastic		540.00							paper	15 lbs/each	business estimate	540.00	0.27
	Distribution center	Plastic stretch wrap bales recycled			936,000.00						plastic	1000 lbs/bale	business estimate	936,000.00	468.00
	Distribution center	Pallets/wood scrap recycled			276,805.20						other organic	329.53 lbs/cy	Tellus	276,805.20	138.40
	Distribution center	Computerized training system/paper reduction		218.40							paper	5 lbs/ream	U.S. EPA	218.40	0.11
	Distribution center	Office paper reused as scratch and double-sided		3,200.00							paper	5 lbs/ream	U.S. EPA	3,200.00	1.60
	Distribution center	5-gallon plastic buckets reused		60.00							plastic	1.9 lbs/bucket	U.S. EPA	60.00	0.03
	Distribution center	reuse medium boxes		4,015,440.00							paper	2.2 lbs/box	U.S. EPA	4,015,440.00	2,007.72
	Distribution center	reuse 55 gal drums		300.00							plastic	(2000)(1)(55 gal)	EcoTerra	300.00	0.15
	Distribution center	Video and cd sleeves reused		1,404,000.00							plastic	(1)(300)(1)(10 lbs/box)	business estimate	1,404,000.00	702.00
	Distribution center	paper reduction by use of handholds for scanning		11,980.00							paper	5 lbs/ream	U.S. EPA	11,980.00	5.98
	Distribution center	Toner cartridges recycled			520.00						other	2.5 lbs/cartridge	U.S. EPA	520.00	0.26
97	retail gift cards	Medium OCC recycled	1827	8,236,248.28	8,241,138.26						paper	2.2 lbs/medium box	U.S. EPA	19,849,444.88	9,924.72
	retail gift cards	Medium OCC reused		1,372.80							paper	2.2 lbs/medium box	U.S. EPA	1,372.80	0.69
	retail gift cards	Office paper reused as scratch or double-sided		52.00							paper	5 lbs/ream	U.S. EPA	52.00	0.03
	retail gift cards	Styrofoam barrels reused		200.00							plastic	200 lbs/cy	business estimate	200.00	0.10
	retail gift cards	Cards and damaged		3,000.00							other organic	300 lbs/cy	business estimate	3,000.00	1.50
98	retail hardware	Uncompacted OCC recycled		4,888.00	4,876.00						paper	100 lbs/cy	U.S. EPA	31,200.00	15.60
	retail hardware	Computerized changes/paper reduction		130.00							paper	5 lbs/ream	U.S. EPA	130.00	0.07
100	media distributor	OCC reused	115	136.44	31,999.44						paper	0.8 lbs/box	business estimate	81,100.00	40.55
	media distributor	OCC recycled			89,000.00						paper	89,000 lbs/ream	business estimate	89,000.00	44.50
	media distributor	Office paper recycled			13,086.36						paper	363.51 lbs/cy	Tellus	13,086.36	6.54
	media distributor	Office paper double-sided		1,152.00							paper	363.51 lbs/cy	Tellus	1,152.00	0.58
	media distributor	Changed to single-sided OCC (paper reduction)		21,450.00							paper	1 lbs/32 boxes	business estimate	21,450.00	10.73
	media distributor	Office paper used as scratch		960.00							paper	363.51 lbs/cy	Tellus	960.00	0.48
	media distributor	pallets given to pallet company		28,000.00							other organic	40 lbs/pallet	business estimate	28,000.00	13.00
	media distributor	recycle cd cases		22,500.00	225,000.00						plastic	3 cd/case	business estimate	225,000.00	112.50
	media distributor	reuse cd cases		900.00							plastic	3 cd/case	business estimate	22,500.00	11.25
	media distributor	implemented handholds		5,200.00							paper	5 lbs/ream	U.S. EPA	5,200.00	2.60
	media distributor	Manila envelopes reused		4,626.00							paper	0.04 lbs/envelope	business estimate	4,626.00	2.31
	media distributor	Chairs donated		8,400.00							other	11.31 lbs/chair	business estimate	8,400.00	4.20
	media distributor	Computers donated		5,473.00							other	55 lbs/computer	U.S. EPA	8,400.00	4.20
	media distributor	Desks donated									other	140 lbs/desk	business estimate	5,473.00	2.74

Board Meeting April 23, 2003		Diversion (weight in pounds)												Agenda Item Attachment 2a	
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Metals SR	Metals R	Program Start Date	Transformation Business/Est	Composting	Material Type (category)	Conversion Factor (weight per count)	Source	Diversion Pounds per year	Diversion Tons per year
101	AG dealer for John Deere	Small OCC reused		1,801.80							paper	1.1 lbs/small box	U.S. EPA	1,801.80	0.80
	AG dealer for John Deere	Large OCC reused		1,456.00							paper	4 lbs/large box	U.S. EPA	1,456.00	0.73
	AG dealer for John Deere	Metal recycled new program					9,900.00	M=1999			metal	350 lbs/piece	business estimate	9,900.00	4.95
	AG dealer for John Deere	Pallets reused on site		2,980.00							other organic	(lbs/5)(freq/yr)(40lbs/ea)	U.S. EPA	2,980.00	1.44
	AG dealer for John Deere	Reuse of wooden crates		4,707.65							other organic	(lbs/5)(freq/yr)(30lbs/ea crate)	business estimate	4,707.65	2.35
	AG dealer for John Deere	Implement online updates reports, price lists bulletin		390.00							paper	5 lbs/ream	U.S. EPA	390.00	0.20
102	AG dealer for John Deere	OCC bales recycled		144,144.00	3,482,000.00						paper	avg 145.5 lbs/ton	business estimate	3,482,000.00	1,746.00
	distribution center	Medium OCC reused			8,318.00						paper	2.2 lbs/medium box	U.S. EPA	144,144.00	72.07
	distribution center	mixed paper recycled			6,786.00						paper	693 lb/ton	business estimate	8,318.00	4.16
	distribution center	Office paper recycled			12,480.00						paper	566.5 lbs/month	business estimate	6,786.00	3.39
	distribution center	Paper shredded for reuse			119,880.00						paper	16.31 lbs/55 gallon	business estimate	12,480.00	6.24
	distribution center	Stretch wrap recycled									plastic	555 lbs/bale	business estimate	119,880.00	59.94
	distribution center	non-ave. sized pallets repaired		2,912,000.00							other organic	20lbs/pallet	US EPA	2,912,000.00	1,456.00
	distribution center	toner cartridges returned		88.00							other	2.5 lbs/cartridge	US EPA	88.00	0.03
	distribution center	Office paper double-sided		338.30							paper	566.5 lbs/month	business estimate	338.30	0.17
	distribution center	Implement online timecards		312.00							paper	0.015 lbs/card	business estimate	312.00	0.16
	distribution center	Computerized systems		5,070.00							paper	0.01 lbs/sheet white ledger	U.S. EPA	5,070.00	2.54
	distribution center	Products donated		9,360.00							other	180 lbs/pallet load	business estimate	9,360.00	4.68
103	retail sales and locks	Medium OCC recycled	399.5	3,043,773.30	1,021,982.48						paper	2.2 lbs/medium box	U.S. EPA	3,043,773.30	1,521.83
	retail sales and locks	Medium OCC reused		228.80	286.00						paper	2.2 lbs/medium box	U.S. EPA	286.00	0.14
	retail sales and locks	Office paper reused as scratch or double-sided		52.00							paper	5 lbs/ream	U.S. EPA	52.00	0.03
104	general retail	OCC bales recycled			546,000.00						paper	1000 lbs/bale	business estimate	546,000.00	273.00
	general retail	reuse small boxes		165.00							paper	1.1 lbs/box	US EPA	165.00	0.08
	general retail	reuse large boxes		168.00							paper	4 lbs/box	US EPA	168.00	0.08
	general retail	Office paper recycled			520.00						paper	5 lbs/ream	U.S. EPA	520.00	0.26
	general retail	Chpboard recycled			10,400.00						paper	200 lbs/week	business estimate	10,400.00	5.20
	general retail	Bubble wrap reused		1,092.00							plastic	3 lbs/33 gallon	business estimate	1,092.00	0.55
	general retail	Loss of Plastic pellets		1,040.00							other organic	40 lbs/pallet	U.S. EPA	1,040.00	0.52
	general retail	Broken Pallets recycled			11,440.00						other organic	40 lbs/pallet	business estimate	11,440.00	5.72
	general retail	Pallets reused		49,920.00							other organic	(lbs/5)(freq/yr)(40lbs/ea)	business estimate	49,920.00	24.96
	general retail	Grease recycled			10,660.00						other organic	7.45 lbs/gallon	U.S. EPA	10,660.00	5.33
	general retail	Computer paper recycled			9,100.00						paper	5 lbs/ream	U.S. EPA	9,100.00	4.55
	general retail	Office paper reused as scratch or double-sided		260.00							paper	5 lbs/ream	U.S. EPA	260.00	0.13
	general retail	Totes implemented		2,574.00							paper	1.1 lbs/small box	U.S. EPA	2,574.00	1.29
	general retail	Soda shells reused		936.00							paper	0.8 lbs/sheet	business estimate	936.00	0.47
	general retail	Voicemail system implemented		650.00							paper	5 lbs/ream	U.S. EPA	650.00	0.33
	general retail	Handhelds implemented		520.00							paper	5 lbs/ream	U.S. EPA	520.00	0.26
	general retail	Hangers reused		6,096.96							plastic	14 lbs/hanger	business estimate	6,096.96	3.03
	general retail	Dog food donated		6,000.00							other organic	500 lbs/month	business estimate	6,000.00	3.00
105	counter tops manufacture	reuse OCC	150	1,560.00							paper	5-10 lbs/box	business estimate	1,560.00	0.78
	counter tops manufacture	reuse office paper for scratch and double-side		195.00							paper	5 lbs/ream	US EPA	195.00	0.10
	counter tops manufacture	donate paper		165.00							paper	5 lbs/ream	US EPA	165.00	0.08
	counter tops manufacture	donate laminate tops to schools		2,750.00							inorganic	2500-3000/tyear	business estimate	2,750.00	1.38
106	manufacture semi trailers	reuse OCC small boxes		1,144.00	1,950.00						paper	1.1 lbs/box	US EPA	1,144.00	0.57
	manufacture semi trailers	recycle OCC									paper	50.08lb/cy	Telus	1,950.00	0.98
	manufacture semi trailers	double-side and reuse for scratch		1,040.00							paper	5 lbs/ream	US EPA	1,040.00	0.52
	manufacture semi trailers	online recycling		520.00							paper	5 lbs/ream	US EPA	520.00	0.26
107	furniture manufacturing	recycle OCC	75	3,000.00	1,946.48						paper	50.08 lb/cy	Telus	1,946.48	0.98
	furniture manufacturing	give pallets to pallet recycler		2,080.00							other organic	40 lbs/pallet	US EPA	2,080.00	1.04
	furniture manufacturing	recycle wood sawdust		97,500.00							other organic	375 lbs/cy	Telus	97,500.00	48.75
	furniture manufacturing	recycle wood shavings		160,160.00							other organic	440 lb/cy	Telus	160,160.00	80.08
	furniture manufacturing	small wood scrap to biomass	not counted								other organic	94,245.58 lbs/year	Telus		
	furniture manufacturing	reuse fabric swatches		135.00							other organic	40-50lb/box	business estimate	135.00	0.07
	furniture manufacturing	donate discontinued furniture items		240.00							other	30 lbs/char	business estimate	240.00	0.12
	furniture manufacturing	donate discontinued furniture items		45.00							other	45 lbs/bale	business estimate	45.00	0.02
108	independent power producer	burn excess unusable pallets	20	4,992.00	261,740.48						other organic	3,120.00 lbs/year	US EPA	261,740.48	131.38
	independent power producer	reuse pallets									other organic	(lbs/5)(freq/yr)(40lbs/ea)	US EPA	4,992.00	2.50
	independent power producer	seal byproduct used on farms	not counted								other organic	1200 tons/month	business estimate		
	independent power producer	donate old computers		80.00							other	40 lbs/box	business estimate	80.00	0.04
109	fabricator of canvas, rubber products	reuse small boxes	34	72.80							paper	1.1 lbs/box	US EPA	72.80	0.04
	fabricator of canvas, rubber products	reuse medium boxes		145.60							paper	2.2 lbs/box	US EPA	145.60	0.07
	fabricator of canvas, rubber products	reuse large boxes		264.00							paper	4 lbs/box	US EPA	264.00	0.13
	fabricator of canvas, rubber products	reuse for scratch and double-side		60.00							paper	5 lbs/ream	US EPA	60.00	0.03
	fabricator of canvas, rubber products	donate old machinery		2,500.00							metal	2500 lbs/each	business estimate	2,500.00	1.25
	fabricator of canvas, rubber products	donate old machinery		2,492.80							metal	2500 lbs/each	business estimate	2,492.80	1.25
110	plastic sheeting, can liner manufacturer	recycle compacted OCC			57,600.00						paper	avg 300-500lb/cy=400lb/cy	US EPA	57,600.00	28.80
	plastic sheeting, can liner manufacturer	recycle white ledger			1,728.00						paper	5 lbs/ream	US EPA	1,728.00	0.86
	plastic sheeting, can liner manufacturer	grmacycling		10,400.00							yardwaste	20 lbs/bag	business estimate	10,400.00	5.20
	plastic sheeting, can liner manufacturer	small odd size broken pallets			26,000.00						other organic	20 lbs/pallet	business estimate	26,000.00	13.00
	plastic sheeting, can liner manufacturer	reuse paper as scratch and double-side		1,620.00							paper	5 lbs/ream	US EPA	1,620.00	0.81
	plastic sheeting, can liner manufacturer	recycle OCC cones			8,400.00						paper	200 lbs/gaylord load	business estimate	8,400.00	4.20
	plastic sheeting, can liner manufacturer	reuse small boxes		82.50							paper	1.1 lbs/box	US EPA	82.50	0.04
	plastic sheeting, can liner manufacturer	reuse medium boxes		165.00							paper	2.2 lbs/box	US EPA	165.00	0.08
	plastic sheeting, can liner manufacturer	reuse yardwaste		8,250.00							paper	10-15 lbs/each	business estimate	8,250.00	4.13



Board Meeting April 23, 2003															Agency Item Attachment 2a
Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Recycling	Metals S&W	Metals IT	Program Start Date	Transformation Biomass/Ash	Composting	Material Type (category)	Conversion Factor (weight per ounce)	Source	Diversion Pounds per year	Overall Tons per year
	plastic sheeter, can liner manufacturer	recycle LDPE bags			160.00						plastic	1 lb/15 bags	business estimate	160.00	0.08
	plastic sheeter, can liner manufacturer	reuse 55 gal drums		1,080.00							plastic	15 lb/drum	EcoTelesis	1,080.00	0.54
	plastic sheeter, can liner manufacturer	donate old computers		150.00							other	50 lb/each	business estimate	150.00	0.08
	plastic sheeter, can liner manufacturer	reuse HDPE 5 gal buckets		729.60							plastic	1.9 lb/bucket	field study	729.60	0.36
	plastic sheeter, can liner manufacturer	reuse HDPE 5 gal buckets		729.60							plastic	1.9 lb/bucket	field study	729.60	0.36
111	retail tractor and farm equipment	5-gallon plastic containers recycled			998.00						plastic	9.9 lb/container	field study	998.00	0.49
	retail tractor and farm equipment	2 1/2-gallon plastic container recycled			494.00						plastic	9.9 lb/container	business estimate	494.00	0.25
	retail tractor and farm equipment	Computerized changes/paper reduction		260.00							paper	5 lb/ream	U.S. EPA	260.00	0.13
	retail tractor and farm equipment	Small OCC reused		2,860.00							paper	1.1 lb/sheet box	U.S. EPA	2,860.00	1.43
	retail tractor and farm equipment	5-gallon plastic containers reused		998.00							plastic	1.9 lb/bucket	field study	998.00	0.49
	retail tractor and farm equipment	2 1/2-gallon plastic container reused		494.00							plastic	9.9 lb/container	business estimate	494.00	0.25
112	retail tractor and farm equipment	OCC bases recycled		367,500.00							paper	750-1000 lb/bale	business estimate	367,500.00	183.75
	long haul trucking company	recycle white ledger		2,181.06							paper	363.51 lb/cy	Tellus	2,181.06	1.09
	long haul trucking company	reuse paper for scratch		106.05							paper	363.51 lb/cy	Tellus	106.05	0.05
	long haul trucking company	recycle CPO			3,116.40						paper	519.4 lb/cy	Tellus	3,116.40	1.56
	long haul trucking company	reuse pallets		379,600.00							other organic	(#445)(#446)(#447)(#448)(#449)	US EPA	379,600.00	189.80
	long haul trucking company	repair pallets		144,000.00							other organic	40 lb/pallet	US EPA	144,000.00	72.00
	long haul trucking company	toner cartridges returned		30.00							other	5 lb/cartridge	US EPA	30.00	0.02
	long haul trucking company	toner cartridges returned		15.00							other	2.5 lb/cartridge	US EPA	15.00	0.01
	long haul trucking company	recycle OCC		4,660.00							paper	50.06 lb/cy	Tellus	4,660.00	2.34
113	food bank	OCC recycled		10,400.00							paper	200 lb/week	business estimate	10,400.00	5.20
	food bank	Pallets recycled			1,440.00						other organic	40 lb/pallet	U.S. EPA	1,440.00	0.72
	food bank	Office paper reused as scratch or double-sided		52.00							paper	5 lb/ream	U.S. EPA	52.00	0.03
	food bank	Food donated		2,400.00							other organic	200 lb/week	business estimate	2,400.00	1.20
	food bank	Toner cartridges returned		10.00							other	2.5 lb/cartridge	U.S. EPA	10.00	0.01
114	credit union	Office paper shredded and recycled			1,067.58						paper	25.41 lb/33 gal	U.S. EPA	1,067.58	0.53
	credit union	Computerized changes/paper reduction		1,040.00							paper	5 lb/ream	U.S. EPA	1,040.00	0.52
	credit union	Toner cartridges returned		75.00							other	2.5 lb/cartridge	U.S. EPA	75.00	0.04
115	distribution of dairy and ice	reuse paper as scratch and double-side			1,067.58						paper	25.41 lb/33 gal	U.S. EPA	1,067.58	0.53
	distribution of dairy and ice	equal milk fed to pigs		390.00							paper	5 lb/ream	US EPA	390.00	0.20
	distribution of dairy and ice	Pallets recycled		21,307.00							other organic	7.45 lb/gal	US EPA	21,307.00	10.65
	distribution of dairy and ice	switched from triple to double-sheet NCR			4,200.00						other organic	40 lb/pallet	US EPA	4,200.00	2.10
	distribution of dairy and ice			303.33							paper	5 lb/ream	US EPA	303.33	0.15
117	nursery and landscaping	Pallets recycled	15		800.00						other organic	40 lb/pallet	U.S. EPA	800.00	0.40
	nursery and landscaping	Plastic trays and pots reused		1,000.00							plastic	1000 lb/year	business estimate	1,000.00	0.50
	nursery and landscaping	Pallets reused		180.00							other organic	(#445)(#446)(#447)(#448)(#449)	U.S. EPA	180.00	0.09
	nursery and landscaping			1,440.00							other organic	40 lb/pallet	U.S. EPA	1,440.00	0.72
TOTAL (pounds)				139,179,880.16	48,480,866.25	2,083.60	11,712.00			9,273,000.00				194,947,524.01	97,473.76
TOTAL (tons)				69,589.93	23,240.43	1.04	5.86			4,636.50				97,473.76	

Reference	Business Type	Number	Source	Diversion (weight in pounds)			Program Start	Inerts	Inerts	Transformation	Composting	Diversion Pounds	Diversion Tons
				Recycling	Metals	Metals							
				SR	R								
Number		of Employees	Reduction			Date	SR	R	Biomass/Ash		per year	per year	
81	rice mill and packaging	35	115,414,528.00	25,000.00							3,000.00	115,442,528.00	57,721.26
25	manufacture food	80	7,944,196.50	32,000.00							9,000,000.00	16,976,196.50	8,488.10
41	distribution system/reverse logistics	10	4,000.00	14,324,000.00								14,328,000.00	7,164.00
96	Distribution center	1027	5,435,719.20	5,211,725.20								10,647,444.40	5,323.72
102	distribution center	399.5	3,083,771.30	3,626,982.00								6,710,753.30	3,355.38
91	home builders	140	0.00	4,962,807.20								4,962,807.20	2,481.40
82	drug store distribution center	600	539,954.36	3,711,544.00								4,251,498.36	2,125.75
69	food processing plant	100	2,857,471.10	283,600.00								3,141,071.10	1,570.54
1	distribution/books	100	881,907.70	2,114,213.84								2,996,121.54	1,498.06
13	automated mail/check control for insurance company	25	5,250.00	1,498,602.90								1,503,852.90	751.93
38	market	90	122,857.00	1,326,000.00								1,448,857.00	724.43
4	valves and backflow (manufacture and assemble)	100	2,173.18	1,170,888.32	0.00	0.00						1,173,061.50	586.53
112	long haul trucking company	17.5	523,754.05	377,477.46								901,231.51	450.62
76	distribution center	72	25,837.80	837,092.85								862,930.65	431.47
53	truck cover and bed liners	140	32,877.78	815,422.90								848,300.68	424.15
95	retail store	210	94,670.33	611,974.51								706,644.84	353.32
104	general retail	150	69,391.66	588,120.00								657,511.66	328.76
57	parts distribution center	30	47,328.00	539,653.51								586,981.51	293.49
79	supermarket	45	13,000.00	568,350.00								581,350.00	290.68
11	drug wholesaler	35	151,742.70	356,500.00								508,242.70	254.12
100	media distributor	700	103,312.00	327,086.36								430,398.36	215.20
10	tire sales and service	15	5,309.24	372,281.14								377,590.38	188.80
65	grocery store	60	38,896.00	334,350.00								373,246.00	186.62
71	beverage distributor	40	293,183.20	6,164.76								299,347.96	149.67
16	seed cleaning coop	35	2,051.23	0.00	2,033.60						270,000.00	274,084.83	137.04
107	furniture manufacturing	25	420.00	262,740.00								263,160.00	131.58
56	condiment manufacture	29	146,800.00	112,000.00								258,800.00	129.40
86	return center for Sears retail stores	40	252,800.00	0.00								252,800.00	126.40
68	hardware store	75	158,345.00	79,776.00								238,121.00	119.06
43	market	15	0.00	231,343.32								231,343.32	115.67
37	manufacture houses	235	208,205.71	5,990.40								214,196.11	107.10
85	grocery store on wheels	24	0.00	208,000.00								208,000.00	104.00
19	manufacture industrial burners	121	14,682.65	191,430.00								206,112.65	103.06
40	manufacture/steel work	80	9,493.30	158,174.40								167,667.70	83.83
49	Miscellaneous retail and restaurant	100	210.00	150,020.00								150,230.00	75.12
12	insurance customer service	350	26,500.00	119,132.00								145,632.00	72.82
110	plastic sheeting, can liner manufacturer	75	22,477.10	93,888.00								116,365.10	58.18
50	Distribution center/electrical products	25	113,100.00	500.00								113,600.00	56.80
20	custom cabinets	6	400.40	105,735.80								106,136.00	53.07
17	manufacture/treated lumber	30	104,515.96	0.00								104,515.96	52.26
34	Distribution Center	85	29,194.00	60,759.60		0.00						89,953.60	44.98
22	market and catering company	30	5,990.40	80,414.75								86,405.15	43.20
61	retail	92.91	63,332.00	21,316.00								84,648.00	42.32
89	paper towel and napkin distribution center	14	25,000.00	57,544.00								82,544.00	41.27
93	office supply retail	29	21,225.10	45,799.34								67,024.44	33.51
23	hardware store	10	41,700.00	20,000.00								61,700.00	30.85
36	AG retailer (tools, other)	13	7,256.00	41,600.00								48,856.00	24.43
59	restaurant	35	25,096.90	20,833.28								45,930.18	22.97
64	food packaging and distribution	16.5	12,360.00	33,229.12								45,589.12	22.79
58	metal fabricator	51	20,502.10	22,840.00								43,342.10	21.57
46	crafts and fabrics retail	10	1,458.40	41,600.00								43,058.40	21.53
83	candy distribution center	15	14,320.00	27,300.00								41,620.00	20.81
42	retail housegoods	65	13,605.00	25,348.50								38,953.50	19.48
98	retail hardware	10	130.00	31,200.00								31,330.00	15.67
55	retail drugstore and general merchandise	25	1,300.00	26,400.00								27,700.00	13.85
116	distribution of dairy and ice	11	22,000.33	4,200.00	0.00	0.00	0.00			0.00	0.00	26,200.33	13.10
45	general retail	70	6,270.50	16,000.00								22,270.50	11.14
26	restaurant	48	5,974.00	15,980.25								21,954.25	10.98
44	restaurant	27	3,130.00	17,880.00								21,010.00	10.51
18	market/grocery store	10	2,169.70	18,774.40								20,944.10	10.47
101	AG dealer for John Deere	20	11,035.25	0.00		9,900.00						20,935.25	10.47
78	irrigation systems	14	5,980.00	13,193.70								19,173.70	9.59
63	retail furniture	2	12,000.00	6,000.00								18,000.00	9.00
27	restaurant	38.5	3,744.00	13,410.00								17,154.00	8.58
113	food bank	4	2,462.00	11,840.00								14,302.00	7.15
74	restaurant	12	4,167.80	8,940.00								13,107.80	6.55
90	mini-mart	5	3,640.00	7,812.48								11,452.48	5.73
73	wholesale electrical product distribution	10	7,948.00	1,200.00		1,812.00						10,960.00	5.48
54	autobody shop	10	3,420.00	6,250.00								9,670.00	4.84
52	pumps and water systems	30	52.00	9,600.00								9,652.00	4.83
97	retail gift cards	11	4,624.80	4,578.00								9,202.80	4.60
9	Sporting goods retail	16	1,268.60	6,500.00								7,768.60	3.88
32	nutrition program	16	2,400.00	5,148.00								7,548.00	3.77
111	retail tractor and farm equipment	22.5	4,602.00	1,482.00								6,084.00	3.04
8	motel	34	4,675.37	620.00								5,295.37	2.65
108	independent power producer	24	5,072.00	0.00								5,072.00	2.54
105	counter tops manufacture	21	4,670.00	0.00								4,670.00	2.34

Reference	Business Type	Number	Source	Diversion (weight in pounds)			Program Start	Inerts	Inerts	Transformation	Composting	Diversion Pounds	Diversion Tons
				Recycling	Metals	Metals							
Number		of Employees	Reduction		SR	R	Date	SR	R	Biomass/Ash		per year	per year
106	manufacture semi trailers	70	2,704.00	1,950.00								4,654.00	2.33
30	reverse and rotary well drilling	27	2,052.00	1,500.00								3,552.00	1.78
51	auto sales and service	47	3,400.60	0.00								3,400.60	1.70
48	drayage	22	260.00	3,000.00								3,260.00	1.63
84	bank	17	1,300.00	1,764.00								3,064.00	1.53
109	fabricator of canvas, rubber products	4	3,042.20	0.00								3,042.20	1.52
114	credit union	36	1,115.00	1,067.58								2,182.58	1.09
117	nursery and landscaping		1,160.00	800.00	0.00	0.00	0.00			0.00	0.00	1,960.00	0.98
2	aqua ammonia sales	25	1,560.00	0.00								1,560.00	0.78
6	sheet metal parts manufacture and install	33	1,457.98	0.00	50.00	0.00						1,517.98	0.76
28	gift store	2	1,320.00	0.00								1,320.00	0.66
5	concrete, gravel	16	509.80	750.00								1,259.80	0.63
75	retail water and water dispensers	2	101.00	1,144.00								1,245.00	0.62
29	landscaping, redmix, topsoil, aggregate, decoo rock and b	28	260.00	820.00								1,080.00	0.54
24	gym/sports club	22	580.00	400.40								980.40	0.49
35	bank	9	395.20	474.18								869.38	0.43
3	social services/community activities	15	228.80	634.00								862.80	0.43
77	electronic retail outlet	3	729.00	0.00								729.00	0.36
62	motel	13	638.18	0.00								638.18	0.32
103	retail safes and locks	5	280.80	286.00								566.80	0.28
39	Pop-up campers manufacture and distribution	17	566.70	0.00								566.70	0.28
15	keys, safes, locks	3	466.40	0.00								466.40	0.23
14	automotive repair	6	369.20	0.00								369.20	0.18
33	rental car facility/insurance replacement cars	4	332.80	0.00								332.80	0.17
66	grocery store corporate office	6	0.00	240.00								240.00	0.12
94	storage facility/rental	2.5	60.00	80.00								140.00	0.07
21	machinery and small appliance repair	2	26.00	0.00								26.00	0.01
67	oil change service	4	26.00	0.00								26.00	0.01
31	machine work and fabrication of agricultural and industrial	8	0.00	0.00								0.00	0.00
TOTAL (pounds)			139,179,860.16	46,480,868.25	2,063.60	11,712.00	0.00	0.00	0.00	0.00	9,273,000.00	194,947,524.01	97,473.77
TOTAL (tons)			69,589.93	23,240.43	1.04	5.86	0.00	0.00	0.00	0.00	4,636.50	97,473.76	
*Transformation = Bio 2321.65 + Ash 14400.00 = 16721.65 tons													

**10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:**

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	Central Landfill Inerts Facility - inert processing for reuse	1998	2278.50
Scrap Metal	Central Landfill Metals Facility - scrap metal processing for recycling	1995	159.61
Scrap Metal	Commercial Audits - Non Extrapolated Restricted Mrlts (scrap metals)	after 1998	6.90
White Goods	Central Landfill Metals Facility - white goods/appliance recycling	1995	207.01

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of preciously submitted information.

(Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (**Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				